

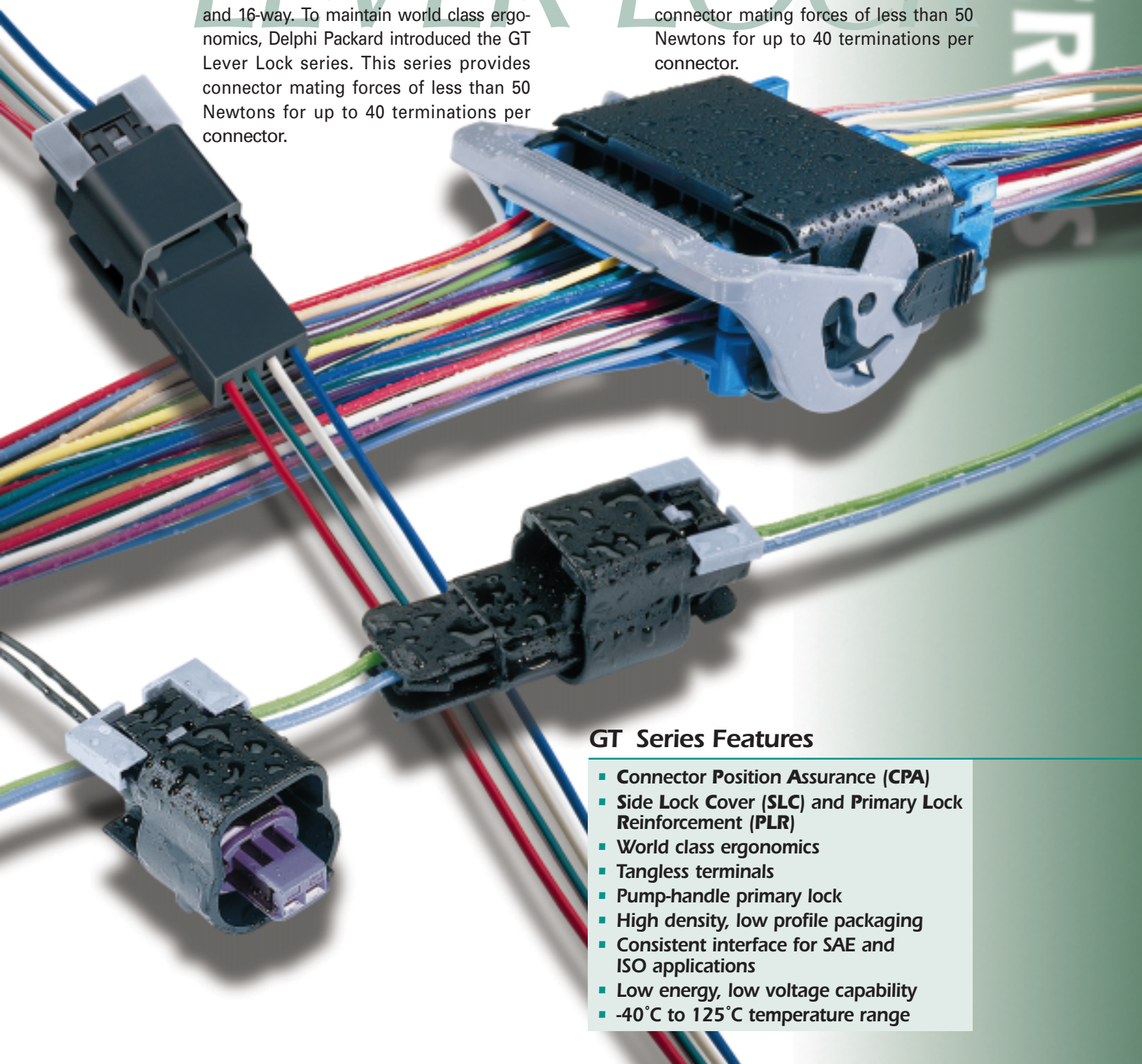
# GT Series 150, 280 & Lever Lock



The GT Connection System™ features tangless terminals and offers one of the lowest connector engage forces in the industry. Designed for both 1.50 and 2.80mm blade width applications, GT achieves superior electrical performance that meets or exceeds all known customer requirements, including USCAR standards. The unsealed systems are available in cavity variations between 2-way and 16-way. To maintain world class ergonomics, Delphi Packard introduced the GT Lever Lock series. This series provides connector mating forces of less than 50 Newtons for up to 40 terminations per connector.



The sealed GT Connection System™ utilizes a new two-rib cable seal. This seal is smaller and uses less material than traditional three rib seal designs without impacting performance. The sealed systems are available in cavity variations between 2-way and 16-way. To maintain world class ergonomics, Delphi Packard introduced the sealed GT Lever Lock series. This series provides connector mating forces of less than 50 Newtons for up to 40 terminations per connector.

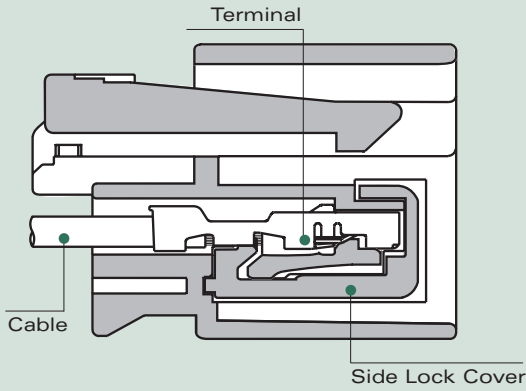


## GT Series Features

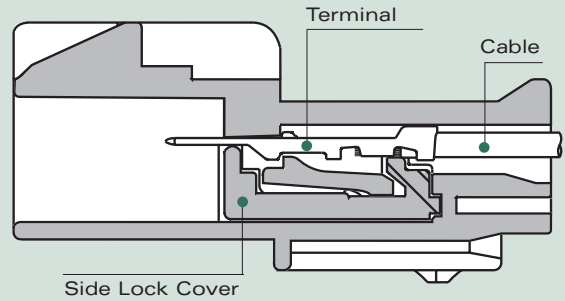
- Connector Position Assurance (CPA)
- Side Lock Cover (SLC) and Primary Lock Reinforcement (PLR)
- World class ergonomics
- Tangless terminals
- Pump-handle primary lock
- High density, low profile packaging
- Consistent interface for SAE and ISO applications
- Low energy, low voltage capability
- -40°C to 125°C temperature range



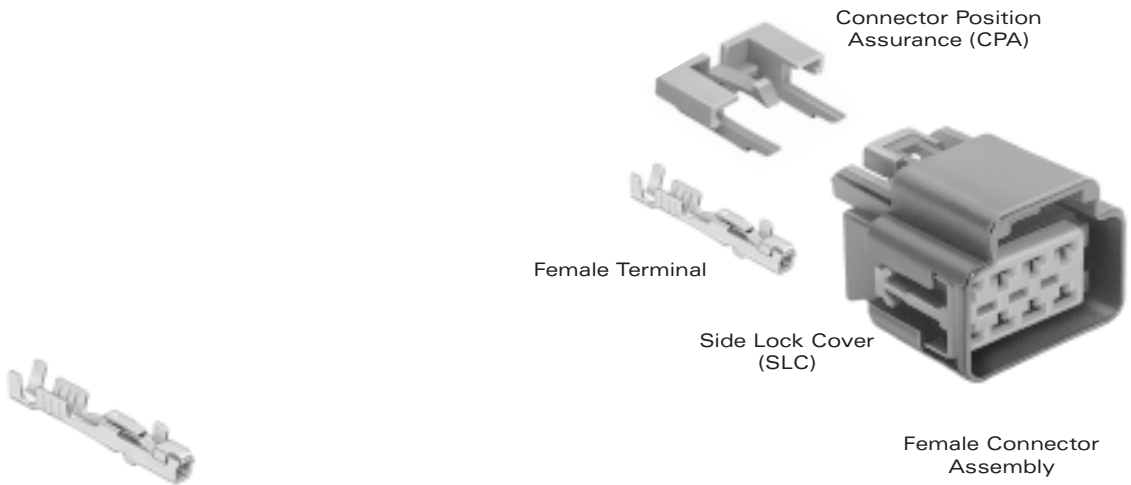
Cross Sectional View



Female Connector Assembly



Male Connector Assembly



GT 150 FEMALE TERMINALS UNSEALED

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
12191811	0.50-0.35	Tin Brass	Tin
12191812	1.00-0.75	Tin Brass	Tin

GT 150 FEMALE CONNECTOR ASSEMBLIES UNSEALED

# Cavities	Connector	Color	Material
2	15332129	Black	PA6 10% GF & 20% GB
3	15332132	Black	PA6 10% GF & 20% GB
4	15332135	Black	PA6 10% GF & 20% GB
5	15332138	Black	PA6 10% GF & 20% GB
6	15332141	Black	PA6 10% GF & 20% GB
8	15332145	Black	PA6 10% GF & 20% GB
10	15332153	Black	PA6 10% GF & 20% GB
12	15332161	Black	PA6 10% GF & 20% GB
14	15332169	Black	PA6 10% GF & 20% GB
16	15332177	Black	PA6 10% GF & 20% GB

Side Lock Covers (SLC) are included in the Connector Assemblies listed in this section.

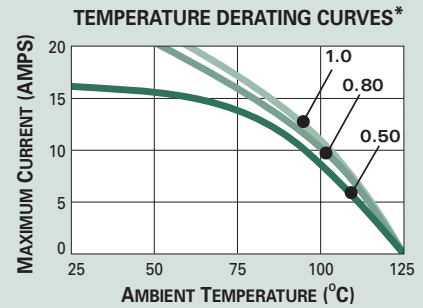
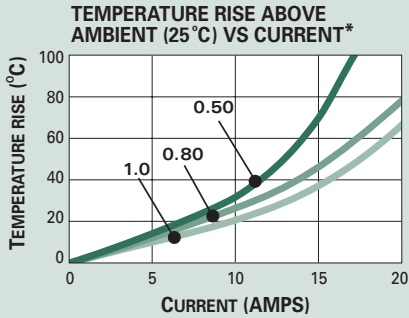
<http://delphi.com/products/connect>



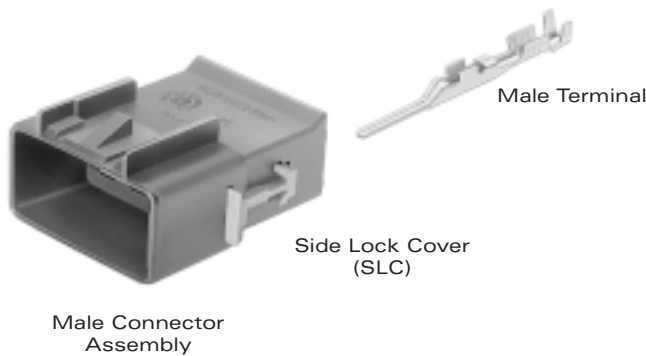
## Unsealed System Application Information

**CABLE RANGE (mm<sup>2</sup>):** ..... 0.35-1.0  
**CURRENT RANGE (AMPS):** ..... 0-15  
**TEMP RANGE °C:** ..... -40 to 125  
**RESISTANCE:** ..... <10mΩ@20mV  
**VOLTAGE DROP:** ..... <10.0mV/amp  
**CENTERLINE SPACING (mm):** ..... 4.0  
**BLADE WIDTH (mm):** ..... 1.5

### GT 150 SERIES TERMINALS-Tin Plated



\*The test data are based on single circuits in free space and were generated using a "Lumped Resistance" model. This model does not account for all of the variables that would be present in an actual application. For actual product performance, contact your regional support representative at the number listed below.



#### GT 150 MALE CONNECTOR ASSEMBLIES UNSEALED

# Cavities	Connector	Color	Material
2	15332130	Black	PA6 10% GF & 20% GB
3	15332133	Black	PA6 10% GF & 20% GB
4	15332136	Black	PA6 10% GF & 20% GB
5	15332139	Black	PA6 10% GF & 20% GB
6	15332142	Black	PA6 10% GF & 20% GB
8	15332150	Black	PA6 10% GF & 20% GB
10	15332158	Black	PA6 10% GF & 20% GB
12	15332166	Black	PA6 10% GF & 20% GB
14	15332174	Black	PA6 10% GF & 20% GB
16	15332182	Black	PA6 10% GF & 20% GB

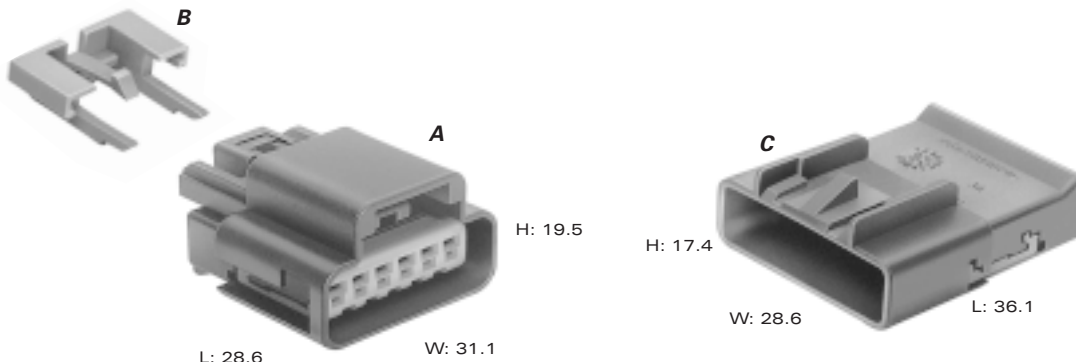
Side Lock Covers (SLC) are included in the Connector Assemblies listed in this section.

#### GT 150 MALE TERMINALS UNSEALED

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
15304701	0.50-0.35	Tin Brass	Tin
15304702	1.00-0.75	Tin Brass	Tin

#### SECTION NOTES:

- Contact your regional support representative at the number listed below.
- Due to rigid tolerances of connector cavities, it is critical to meet all crimp dimensions as specified.



Total Mated Length: 52.1mm

**A PART NO: 15332129**  
 DESCRIPTION: Connector Assembly 2F  
 SIZE: 28.6L x 19.5H x 15.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 10

**C PART NO: 15332130**  
 DESCRIPTION: Connector Assembly 2M  
 SIZE: 36.1L x 17.4H x 12.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 11

**PART NO: 15332132**  
 DESCRIPTION: Connector Assembly 3F  
 SIZE: 28.6L x 19.5H x 19.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 10

**PART NO: 15332133**  
 DESCRIPTION: Connector Assembly 3M  
 SIZE: 36.1L x 17.4H x 16.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 11

**PART NO: 15332135**  
 DESCRIPTION: Connector Assembly 4F  
 SIZE: 28.6L x 19.5H x 23.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 10

**PART NO: 15332136**  
 DESCRIPTION: Connector Assembly 4M  
 SIZE: 36.1L x 17.4H x 20.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 11

**PART NO: 15332138**  
 DESCRIPTION: Connector Assembly 5F  
 SIZE: 28.6L x 19.5H x 27.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 10

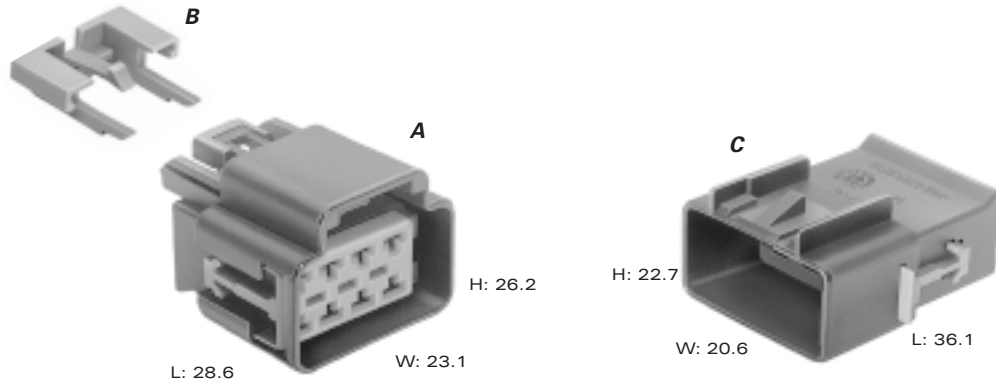
**PART NO: 15332139**  
 DESCRIPTION: Connector Assembly 5M  
 SIZE: 36.1L x 17.4H x 24.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 11

**PART NO: 15332141**  
 DESCRIPTION: Connector Assembly 6F  
 SIZE: 28.6L x 19.5H x 31.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 10

**PART NO: 15332142**  
 DESCRIPTION: Connector Assembly 6M  
 SIZE: 36.1L x 17.4H x 28.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 11

**B PART NO: 15317832**  
 DESCRIPTION: CPA  
 COLOR: Gray  
 MATERIAL: PA6 10% GF & 20% GB





Total Mated Length: 52.1mm

**A PART NO: 15332145**  
 DESCRIPTION: Connector Assembly 8F  
 SIZE: 28.6L x 26.2H x 23.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 10

**PART NO: 15332153**  
 DESCRIPTION: Connector Assembly 10F  
 SIZE: 28.6L x 26.2H x 27.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 10

**PART NO: 15332161**  
 DESCRIPTION: Connector Assembly 12F  
 SIZE: 28.6L x 26.2H x 31.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 10

**PART NO: 15332169**  
 DESCRIPTION: Connector Assembly 14F  
 SIZE: 28.6L x 26.2H x 35.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 10

**PART NO: 15332177**  
 DESCRIPTION: Connector Assembly 16F  
 SIZE: 28.6L x 26.2H x 39.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 10

**B PART NO: 15317832**  
 DESCRIPTION: CPA  
 COLOR: Gray  
 MATERIAL: PA6 10% GF & 20% GB

**C PART NO: 15332150**  
 DESCRIPTION: Connector Assembly 8M  
 SIZE: 36.1L x 22.7H x 20.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 11

**PART NO: 15332158**  
 DESCRIPTION: Connector Assembly 10M  
 SIZE: 36.1L x 22.7H x 24.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 11

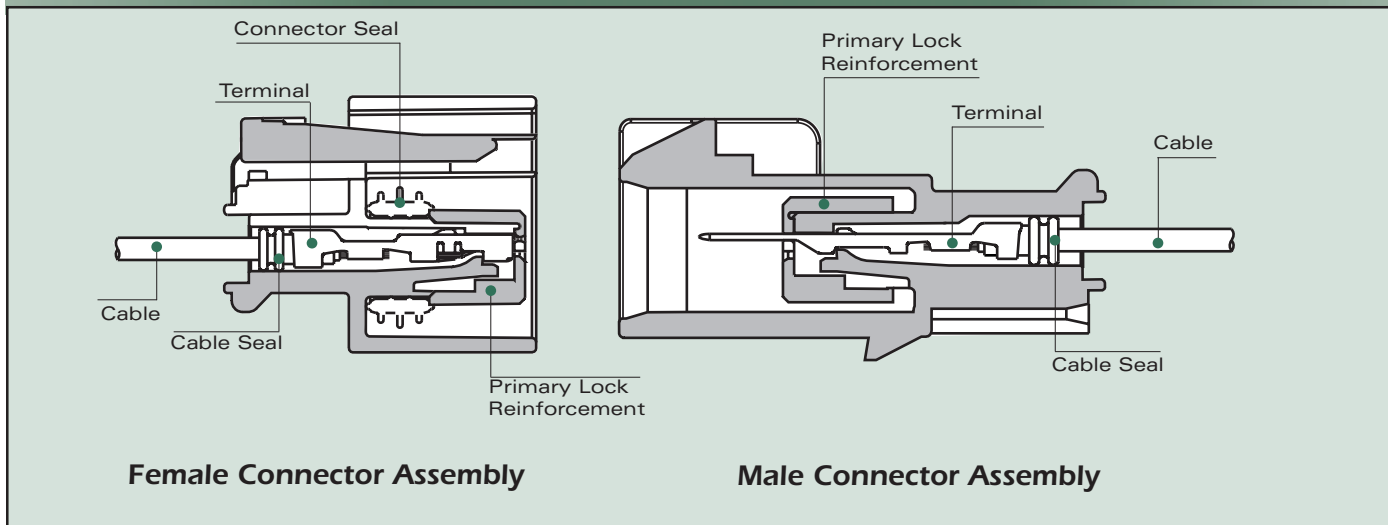
**PART NO: 15332166**  
 DESCRIPTION: Connector Assembly 12M  
 SIZE: 36.1L x 22.7H x 28.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 11

**PART NO: 15332174**  
 DESCRIPTION: Connector Assembly 14M  
 SIZE: 36.1L x 22.7H x 32.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 11

**PART NO: 15332182**  
 DESCRIPTION: Connector Assembly 16M  
 SIZE: 36.1L x 22.7H x 36.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 11



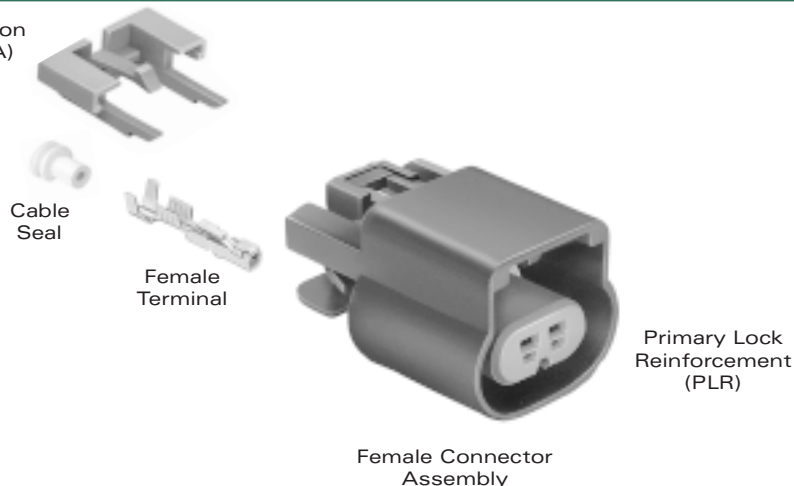
**Cross Sectional View**



**Female Connector Assembly**

**Male Connector Assembly**

Connector Position Assurance (CPA)



**GT 150 FEMALE TERMINALS SEALED**

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
12191818	0.50-0.35	Tin Brass	Tin
12191819	1.00-0.75	Tin Brass	Tin



**GT 150 CABLE SEALS**

Reel Part #	Loose Part #	Cable Diameter	Material	Color
12191152	15366021	1.20-1.85	Silicone	White
12191153	15366060	1.86-2.25	Silicone	Blue

**GT 150 FEMALE CONNECTOR ASSEMBLIES SEALED**

# Cavities	Connector	Color	Material
2	15326801	Black	PA6 10% GF & 20% GB
3	15326808	Black	PA6 10% GF & 20% GB
4	15326815	Black	PA6 10% GF & 20% GB
5	15326822	Black	PA6 10% GF & 20% GB
6	15326829	Black	PA6 10% GF & 20% GB
8	15326835	Black	PA6 10% GF & 20% GB
10	15326842	Black	PA6 10% GF & 20% GB
12	15326849	Black	PA6 10% GF & 20% GB
14	15326856	Black	PA6 10% GF & 20% GB
16	15326863	Black	PA6 10% GF & 20% GB

Primary Lock Reinforcement (PLR) and Connector Seals are included in the Connector Assemblies listed in this section.

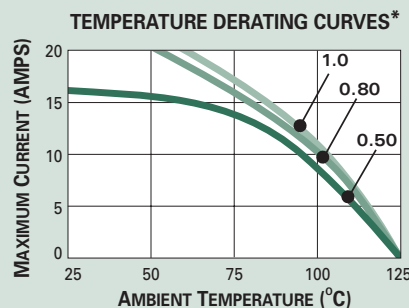
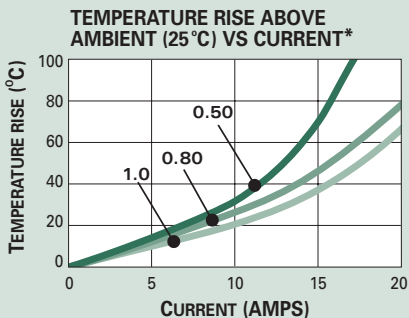
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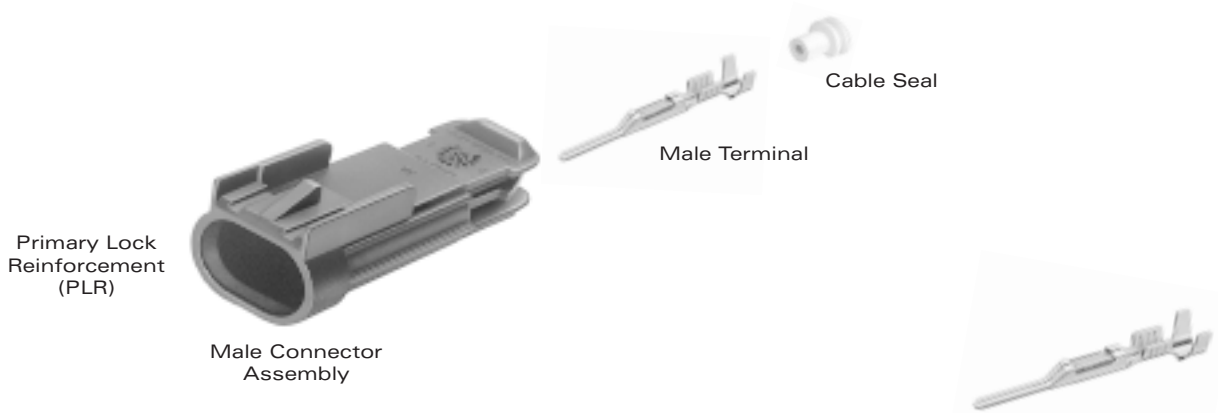
## Sealed System Application Information

**CABLE RANGE (mm<sup>2</sup>):** ..... 0.35-1.0  
**CURRENT RANGE (AMPS):** ..... 0-15  
**TEMP RANGE °C:** ..... -40 to 125  
**RESISTANCE:** ..... <10mΩ@20mV  
**VOLTAGE DROP:** ..... <10.0mV/amp  
**CENTERLINE SPACING (mm):**..... 4.5  
**BLADE WIDTH (mm):**..... 1.5

### GT 150 SERIES TERMINALS-Tin Plated



\*The test data are based on single circuits in free space and were generated using a "Lumped Resistance" model. This model does not account for all of the variables that would be present in an actual application. For actual product performance, contact your regional support representative at the number listed below.



GT 150 MALE CONNECTOR ASSEMBLIES SEALED			
# Cavities	Connector	Color	Material
2	15326806	Black	PA6 10% GF & 20% GB
3	15326813	Black	PA6 10% GF & 20% GB
4	15326820	Black	PA6 10% GF & 20% GB
5	15326827	Black	PA6 10% GF & 20% GB
6	15326833	Black	PA6 10% GF & 20% GB
8	15326840	Black	PA6 10% GF & 20% GB
10	15326847	Black	PA6 10% GF & 20% GB
12	15326854	Black	PA6 10% GF & 20% GB
14	15326861	Black	PA6 10% GF & 20% GB
16	15326868	Black	PA6 10% GF & 20% GB

Primary Lock Reinforcement (PLR) is included in the Connector Assemblies listed in this section.

GT 150 MALE TERMINALS SEALED			
Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
15326268	0.50-0.35	Tin Brass	Tin
15326269	1.00-0.75	Tin Brass	Tin

GT 150 CAVITY PLUG*			
Part #	Cavity Diameter	Material	Color
15305171	4.0mm	Silicone	Green

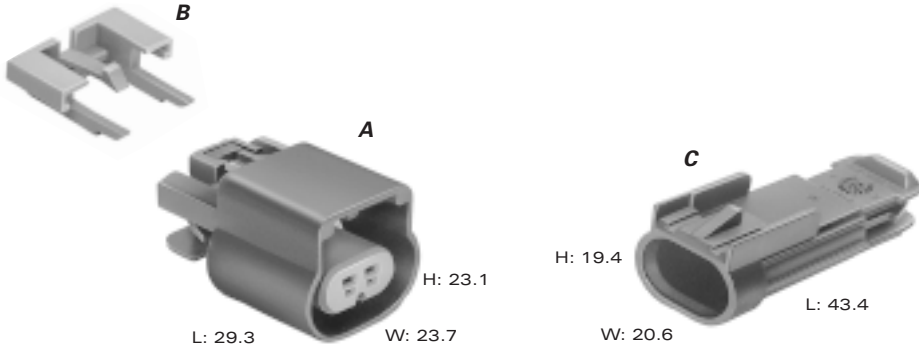
\*Cavity plugs seal unused female and male cavities.

#### SECTION NOTES:

Contact your regional support representative at the number listed below.

- Due to rigid tolerances of connector cavities, it is critical to meet all crimp dimensions as specified.

<http://delphi.com/products/connect>



Total Mated Length: 56.7mm

**A PART NO: 15326801**  
 DESCRIPTION: Connector Assembly 2F  
 SIZE: 29.3L x 23.1H x 23.7W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 14  
 SEALS/PLUGS: See Page 14, 15

**C PART NO: 15326806**  
 DESCRIPTION: Connector Assembly 2M  
 SIZE: 43.4L x 19.4H x 20.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 15  
 SEALS/PLUGS: See Page 14, 15

**PART NO: 15326808**  
 DESCRIPTION: Connector Assembly 3F  
 SIZE: 29.3L x 23.1H x 28.2W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 14  
 SEALS/PLUGS: See Page 14, 15

**PART NO: 15326813**  
 DESCRIPTION: Connector Assembly 3M  
 SIZE: 43.4L x 19.4H x 25.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 15  
 SEALS/PLUGS: See Page 14, 15

**PART NO: 15326815**  
 DESCRIPTION: Connector Assembly 4F  
 SIZE: 29.3L x 23.1H x 32.7W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 14  
 SEALS/PLUGS: See Page 14, 15

**PART NO: 15326820**  
 DESCRIPTION: Connector Assembly 4M  
 SIZE: 43.4L x 19.4H x 29.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 15  
 SEALS/PLUGS: See Page 14, 15

**PART NO: 15326822**  
 DESCRIPTION: Connector Assembly 5F  
 SIZE: 29.3L x 23.1H x 37.2W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 14  
 SEALS/PLUGS: See Page 14, 15

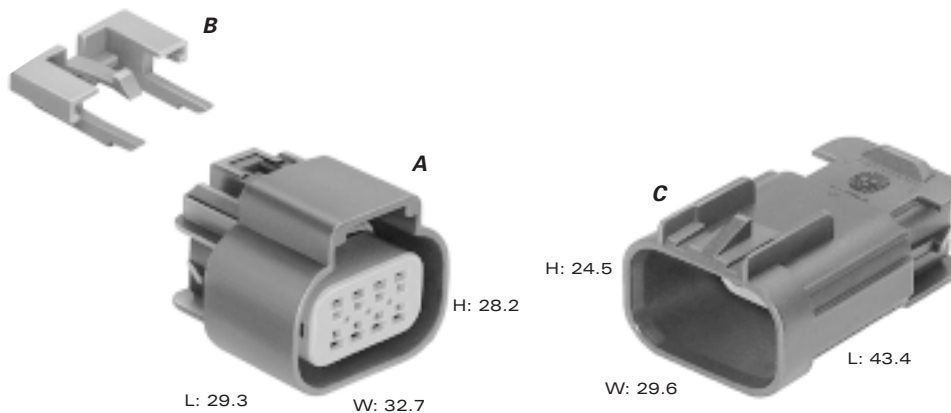
**PART NO: 15326827**  
 DESCRIPTION: Connector Assembly 5M  
 SIZE: 43.4L x 19.4H x 34.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 15  
 SEALS/PLUGS: See Page 14, 15

**PART NO: 15326829**  
 DESCRIPTION: Connector Assembly 6F  
 SIZE: 29.3L x 23.1H x 41.7W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 14  
 SEALS/PLUGS: See Page 14, 15

**PART NO: 15326833**  
 DESCRIPTION: Connector Assembly 6M  
 SIZE: 43.4L x 19.4H x 38.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 15  
 SEALS/PLUGS: See Page 14, 15

**B PART NO: 15317832**  
 DESCRIPTION: CPA  
 COLOR: Gray  
 MATERIAL: PA6 10% GF & 20% GB





Total Mated Length: 56.7mm

**A PART NO: 15326835**  
 DESCRIPTION: Connector Assembly 8F  
 SIZE: 29.3L x 28.2H x 32.7W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 14  
 SEALS/PLUGS: See Page 14, 15

**PART NO: 15326842**  
 DESCRIPTION: Connector Assembly 10F  
 SIZE: 29.3L x 28.2H x 37.2W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 14  
 SEALS/PLUGS: See Page 14, 15

**PART NO: 15326849**  
 DESCRIPTION: Connector Assembly 12F  
 SIZE: 29.3L x 28.2H x 41.7W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 14  
 SEALS/PLUGS: See Page 14, 15

**PART NO: 15326856**  
 DESCRIPTION: Connector Assembly 14F  
 SIZE: 29.3L x 28.2H x 46.2W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 14  
 SEALS/PLUGS: See Page 14, 15

**PART NO: 15326863**  
 DESCRIPTION: Connector Assembly 16F  
 SIZE: 29.3L x 28.2H x 50.7W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 14  
 SEALS/PLUGS: See Page 14, 15

**B PART NO: 15317832**  
 DESCRIPTION: CPA  
 COLOR: Gray  
 MATERIAL: PA6 10% GF & 20% GB

**C PART NO: 15326840**  
 DESCRIPTION: Connector Assembly 8M  
 SIZE: 43.4L x 24.5H x 29.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 15  
 SEALS/PLUGS: See Page 14, 15

**PART NO: 15326847**  
 DESCRIPTION: Connector Assembly 10M  
 SIZE: 43.4L x 24.5H x 34.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 15  
 SEALS/PLUGS: See Page 14, 15

**PART NO: 15326854**  
 DESCRIPTION: Connector Assembly 12M  
 SIZE: 43.4L x 24.5H x 38.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 15  
 SEALS/PLUGS: See Page 14, 15

**PART NO: 15326861**  
 DESCRIPTION: Connector Assembly 14M  
 SIZE: 43.4L x 24.5H x 43.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 15  
 SEALS/PLUGS: See Page 14, 15

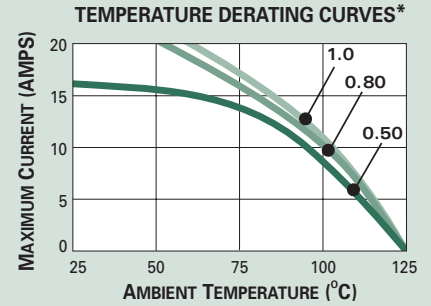
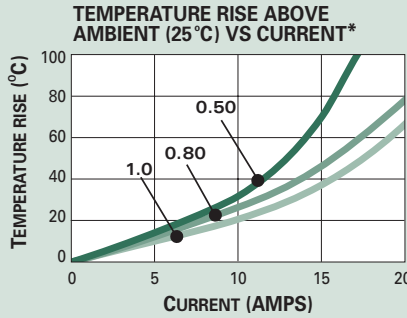
**PART NO: 15326868**  
 DESCRIPTION: Connector Assembly 16M  
 SIZE: 43.4L x 24.5H x 47.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 15  
 SEALS/PLUGS: See Page 14, 15



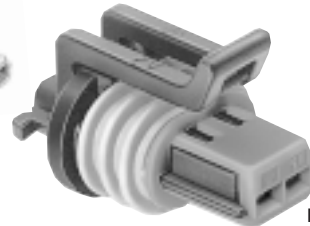
**Sealed System Application Information**

CABLE RANGE (mm<sup>2</sup>): ..... 0.35-1.0  
 CURRENT RANGE (AMPS): ..... 0-15  
 TEMP RANGE °C: ..... -40 to 125  
 RESISTANCE: ..... <10mΩ@20mV  
 VOLTAGE DROP: ..... <10.0mV/amp  
 CENTERLINE SPACING (mm): ..... 3.5  
 BLADE WIDTH (mm): ..... 1.5

**GT 150 SERIES TERMINALS-Tin Plated**



\*The test data are based on single circuits in free space and were generated using a "Lumped Resistance" model. This model does not account for all of the variables that would be present in an actual application. For actual product performance, contact your regional support representative at the number listed below.



Mushroom Indexed Primary Lock Reinforcement (PLR)



**GT 150 FEMALE TERMINALS SEALED**

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
15326266	0.50-0.35	Tin Brass	Tin
15305350	1.00*-0.75	Tin Brass	Tin

\*Accommodates 1.00 European Ultra Thin Wall Cable.  
 Accomdates 0.80 SAE Ultra Thin Wall Cable

**GT 150 FEMALE UNSHROUDED CONNECTOR ASSEMBLIES SEALED**

# Cavities	Conn. Asm.	Indexing	Color	Material
2	15336024	Mushroom	Black	PA6 10% GF & 20% GB
2 TBI	15336027	Mushroom	Black	PA6 10% GF & 20% GB
3	15336029	Mushroom	Black	PA6 10% GF & 20% GB
4	15354716	Mushroom	Black	PA6 10% GF & 20% GB

**GT 150 CABLE SEALS**

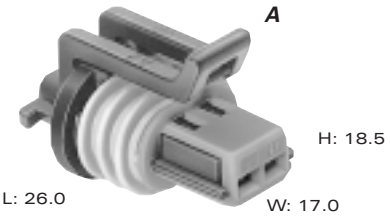
Reel Part #	Loose Part #	Cable Diameter	Material	Color
12191155	15366022	1.47-1.85	Silicone	Green
—	15305351	1.70-2.10	Silicone	Yellow

**GT 150 CAVITY PLUG\***

Part #	Material	Color
15305169	Silicone	Orange

\*Cavity plugs seal unused female and male cavities.

<http://delphi.com/products/connect>



### Unshrouded Female Mushroom Indexed

**A PART NO: 15336024**  
 DESCRIPTION: Connector Assembly 2F  
 SIZE: 26.0L x 18.5H x 17.0W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 18  
 SEALS/PLUGS: See Page 18

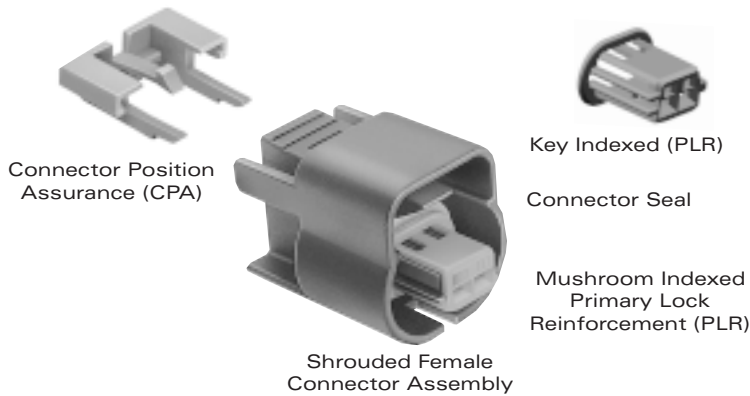
**PART NO: 15336027**  
 DESCRIPTION: TBI Connector Assembly 2F  
 SIZE: 26.0L x 11.0H x 20.5W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 18  
 SEALS/PLUGS: See Page 18  
 NOTE: Mates to Throttle Body Injector.

**PART NO: 15336029**  
 DESCRIPTION: Connector Assembly 3F  
 SIZE: 26.0L x 18.5H x 20.5W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 18  
 SEALS/PLUGS: See Page 18

**PART NO: 15354716**  
 DESCRIPTION: Connector Assembly 4F  
 SIZE: 26.0L x 18.5H x 24.0W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 18  
 SEALS/PLUGS: See Page 18

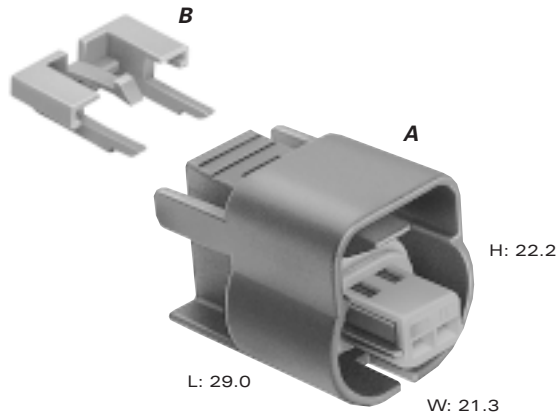
### GT CONNECTOR ASSEMBLY/METRI-PACK PULL-TO-SEAT REPLACEMENT CROSS REFERENCE

GT Connector Assembly	Description	Metri-Pack Pull-To-Seat
15336024	Connector Assembly 2F	12162193, 12162194, 12162195
15336027 TBI	Connector Assembly 2F	12162204, 12162206, 12162208, 12162215, 12162216, 12162217, 12162218
15336029	Connector Assembly 3F	12162182, 12162183, 12162184, 12162185, 12162186
15336035	Connector Assembly 4F	12124846, 12129192, 12162188, 12162189, 12162190, 12162191



### GT 150 FEMALE SHROUDED CONNECTOR ASSEMBLIES SEALED

# Cavities	Conn. Asm.	Indexing	Color	Material
2	15336004	Mushroom	Black	PA6 10% GF & 20% GB
2	15355317	Mushroom	Black	PBT 20% GF
3	15336121	Mushroom	Black	PA66 HS IM
3	15355323	Mushroom	Black	PBT 20% GF
4	15355331	Mushroom	Black	PA66 HS IM
4	15355331	Mushroom	Black	PBT 20% GF
5	15326389	Mushroom	Black	PA66 HS IM
5	15355268	Mushroom	Black	PBT 20% GF
6	15336013	Mushroom	Black	PBT 20% GF
<hr/>				
2	15335987	Key	Black	PA6 10% GF & 20% GB
2	15355319	Key	Black	PBT 20% GF
3	15326556	Key	Black	PA66 HS IM
3	15355325	Key	Black	PBT 20% GF
4	15336001	Key	Black	PA66 HS IM
4	15355329	Key	Black	PBT 20% GF



**Shrouded Female  
Mushroom Indexed**

**A PART NO: 15336004\***  
DESCRIPTION: Connector Assembly 2F  
SIZE: 29.0L x 22.2H x 21.3W  
COLOR: Black  
MATERIAL: PA6 10% GF & 20% GB  
TERMINALS: See Page 18  
SEALS/PLUGS: See Page 18  
\*See Page 19 for alternative material

**PART NO: 15326389\***  
DESCRIPTION: Connector Assembly 5F  
SIZE: 29.0L x 22.2H x 31.8W  
COLOR: Black  
MATERIAL: PA66 HS IM  
TERMINALS: See Page 18  
SEALS/PLUGS: See Page 18  
\*See Page 19 for alternative material

**PART NO: 15336121\***  
DESCRIPTION: Connector Assembly 3F  
SIZE: 29.0L x 22.2H x 24.8W  
COLOR: Black  
MATERIAL: PA66 HS IM  
TERMINALS: See Page 18  
SEALS/PLUGS: See Page 18  
\*See Page 19 for alternative material

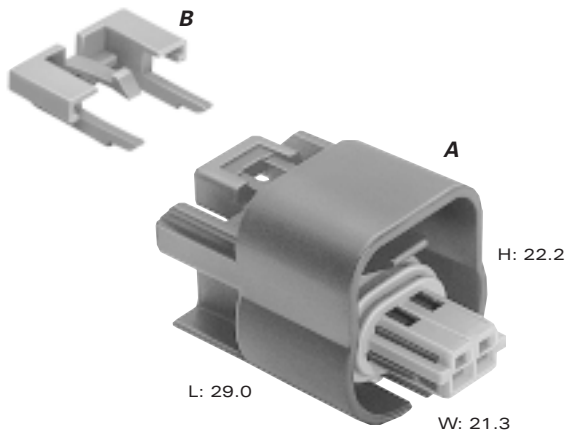
**PART NO: 15336013\***  
DESCRIPTION: Connector Assembly 6F  
SIZE: 29.0L x 22.2H x 35.3W  
COLOR: Black  
MATERIAL: PA66 HS IM  
TERMINALS: See Page 18  
SEALS/PLUGS: See Page 18  
\*See Page 19 for alternative material

**PART NO: 15355331\***  
DESCRIPTION: Connector Assembly 4F  
SIZE: 29.0L x 22.2H x 28.3W  
COLOR: Black  
MATERIAL: PA66 HS IM  
TERMINALS: See Page 18  
SEALS/PLUGS: See Page 18  
\*See Page 19 for alternative material

**B PART NO: 15317832**  
DESCRIPTION: CPA  
COLOR: Gray  
MATERIAL: PA6 10% GF & 20% GB

**GT CONNECTOR ASSEMBLY/METRI-PACK SlimLine  
CROSS REFERENCE**

GT Connector Assembly	Description	Metri-Pack Pull-To-Seat
15336004, 15355317	Connector Assembly 2F	12162193, 12162194, 12162195
15336121, 15355323	Connector Assembly 3F	12162182, 12162183, 12162184, 12162185, 12162186
15326559, 15355331	Connector Assembly 4F	12124846, 12129192, 12162188, 12162189, 12162190, 12162191
15326389, 15355268	Connector Assembly 5F	12162825, 12162826, 12162827
15336013, 15326829	Connector Assembly 6F	12066317, 12162210, 12162260, 12162261, 12162262



### Shrouded Female Key Indexed

**A PART NO: 15335987\***  
 DESCRIPTION: Connector Assembly 2F  
 SIZE: 29.0L x 22.2H x 21.3W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 19  
 SEALS/PLUGS: See Page 19  
 \*See Page 19 for alternative material

**PART NO: 15326556\***  
 DESCRIPTION: Connector Assembly 3F  
 SIZE: 29.0L x 22.2H x 24.8W  
 COLOR: Black  
 MATERIAL: PA66 HS IM  
 TERMINALS: See Page 19  
 SEALS/PLUGS: See Page 19  
 \*See Page 19 for alternative material

**PART NO: 15336001\***  
 DESCRIPTION: Connector Assembly 4F  
 SIZE: 29.0L x 22.2H x 28.3W  
 COLOR: Black  
 MATERIAL: PA66 HS IM  
 TERMINALS: See Page 19  
 SEALS/PLUGS: See Page 19  
 \*See Page 19 for alternative material

**B PART NO: 15317832**  
 DESCRIPTION: CPA  
 COLOR: Gray  
 MATERIAL: PA6 10% GF & 20% GB

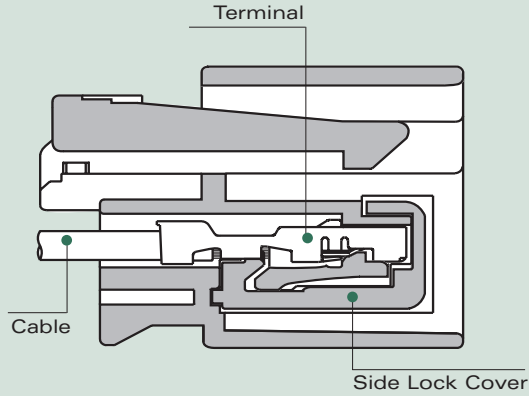
### GT CONNECTOR ASSEMBLY/METRI-PACK *SlimLine* CROSS REFERENCE

GT Connector Assembly	Description	Metri-Pack Pull-To-Seat
15335987, 15355319	Connector Assembly 2F	12162197, 12162198, 12162199
15326556, 15355325	Connector Assembly 3F	12162278, 12162279, 12162280
15336001, 15355329	Connector Assembly 4F	12162833, 12162834

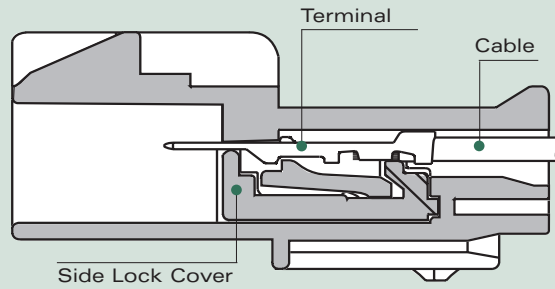




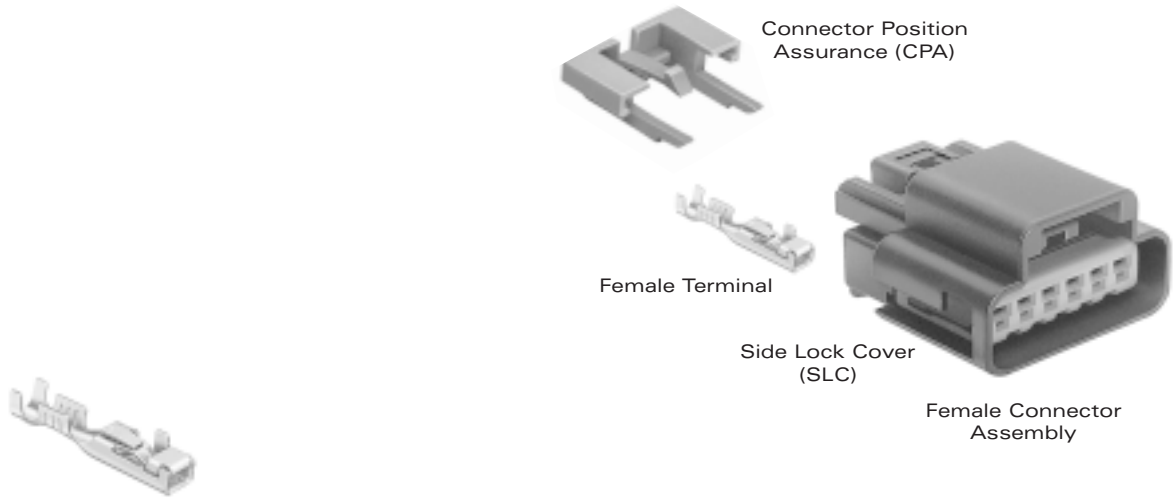
**Cross Sectional View**



**Female Connector Assembly**



**Male Connector Assembly**



**GT 280 FEMALE TERMINALS UNSEALED**

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
15304710	0.50-0.35	Tin Brass	Tin
15304711	1.00-0.75	Tin Brass	Tin
15304712	3.00-1.50	Tin Brass	Tin
15304713	5.00-4.00	Tin Brass	Tin

**GT 280 FEMALE CONNECTOR ASSEMBLIES UNSEALED**

# Cavities	Conn. Asm.	Color	Material
2	15326870	Black	PA6 10% GF & 20% GB
3	15326877	Black	PA6 10% GF & 20% GB
4	15326886	Black	PA6 10% GF & 20% GB
5	15326893	Black	PA6 10% GF & 20% GB
6	15326900	Black	PA6 10% GF & 20% GB
8	15326924	Black	PA6 10% GF & 20% GB
10	15326931	Black	PA6 10% GF & 20% GB
12	15326110	Black	PA6 10% GF & 20% GB
16	15326952	Black	PA6 10% GF & 20% GB

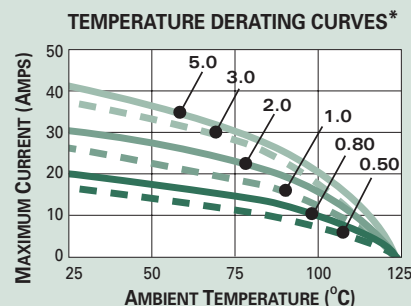
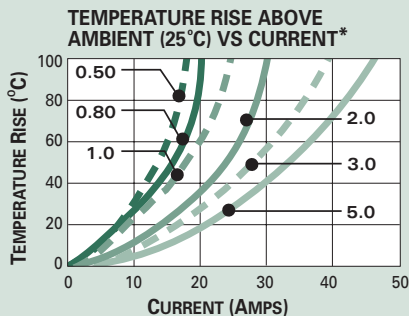
Side Lock Covers (SLC) are included in the Connector Assemblies listed in this section.



## Unsealed System Application Information

**CABLE RANGE (mm<sup>2</sup>):** ..... 0.35-5.0  
**CURRENT RANGE (AMPS):** ..... 0-25  
**TEMP RANGE °C:** ..... -40 to 125  
**RESISTANCE:** ..... <10mΩ@20mV  
**VOLTAGE DROP:** ..... <4.0mV/amp  
**CENTERLINE SPACING (mm):** ..... 5.5  
**BLADE WIDTH (mm):** ..... 2.8

### 280 SERIES TERMINALS - Tin Plated



\*The test data are based on single circuits in free space and were generated using a "Lumped Resistance" model. This model does not account for all of the variables that would be present in an actual application. For actual product performance, contact your regional support representative at the number listed below.



#### GT 280 MALE CONNECTOR ASSEMBLIES UNSEALED

# Cavities	Connector	Color	Material
2	15326874	Black	PA6 10% GF & 20% GB
3	15326881	Black	PA6 10% GF & 20% GB
4	15326890	Black	PA6 10% GF & 20% GB
5	15326897	Black	PA6 10% GF & 20% GB
6	15326904	Black	PA6 10% GF & 20% GB
8	15326928	Black	PA6 10% GF & 20% GB
10	15326935	Black	PA6 10% GF & 20% GB
12	15326942	Black	PA6 10% GF & 20% GB
16	15326956	Black	PA6 10% GF & 20% GB

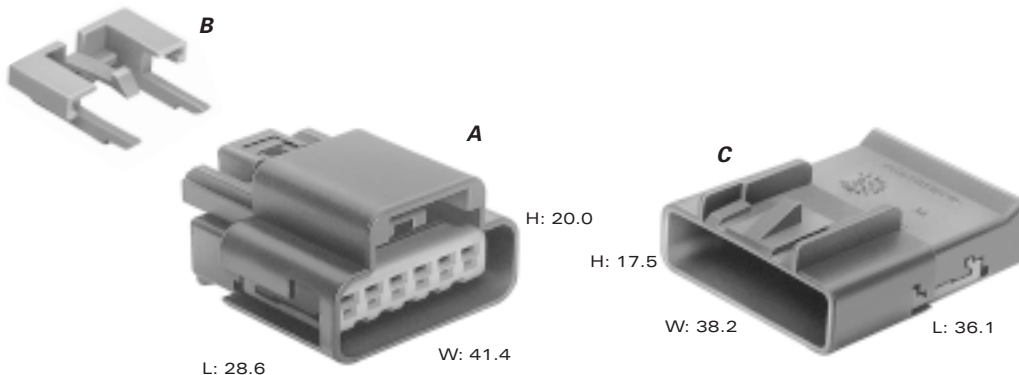
Side Lock Covers (SLC) are included in the Connector Assemblies listed in this section.

#### GT 280 MALE TERMINALS UNSEALED

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
15304722	0.50-0.35	Tin Brass	Tin
15304723	1.00-0.75	Tin Brass	Tin
15304724	3.00-1.50	Tin Brass	Tin
15304725	5.00-4.00	Tin Brass	Tin

#### SECTION NOTES:

- Contact your regional support representative at the number listed below.
- Due to rigid tolerances of connector cavities, it is critical to meet all crimp dimensions as specified.
- Special consideration must be used when applying terminals 15304713 and 15304725 due to cavity space limitations.



Total Mated Length: 48.7mm

**A PART NO: 15326870**  
 DESCRIPTION: Connector Assembly 2F  
 SIZE: 28.6L x 20.0H x 19.4W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 22

**C PART NO: 15326874**  
 DESCRIPTION: Connector Assembly 2M  
 SIZE: 36.1L x 17.5H x 16.2W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 23

**PART NO: 15326877**  
 DESCRIPTION: Connector Assembly 3F  
 SIZE: 28.6L x 20.0H x 24.9W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 22

**PART NO: 15326881**  
 DESCRIPTION: Connector Assembly 3M  
 SIZE: 36.1L x 17.5H x 21.7W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 23

**PART NO: 15326886**  
 DESCRIPTION: Connector Assembly 4F  
 SIZE: 28.6L x 20.0H x 30.4W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 22

**PART NO: 15326890**  
 DESCRIPTION: Connector Assembly 4M  
 SIZE: 36.1L x 17.5H x 27.2W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 23

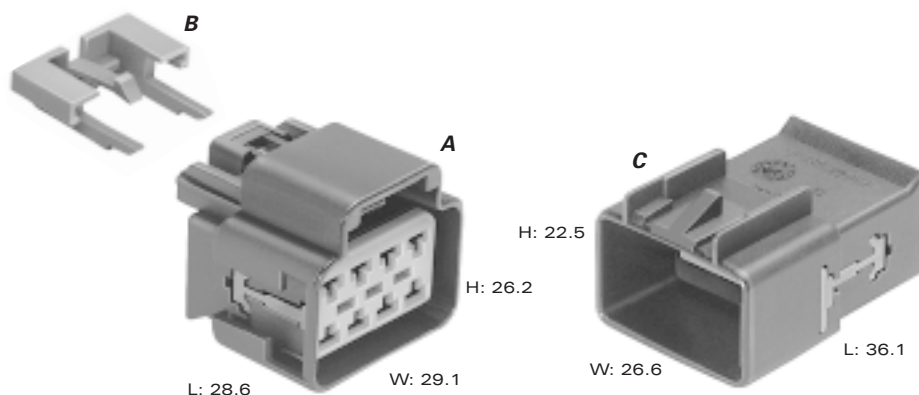
**PART NO: 15326893†**  
 DESCRIPTION: Connector Assembly 5F  
 SIZE: 28.6L x 20.0H x 35.9W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 22

**PART NO: 15326897**  
 DESCRIPTION: Connector Assembly 5M  
 SIZE: 36.1L x 17.5H x 32.7W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 23

**PART NO: 15326900**  
 DESCRIPTION: Connector Assembly 6F  
 SIZE: 28.6L x 20.0H x 41.4W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 22

**PART NO: 15326904**  
 DESCRIPTION: Connector Assembly 6M  
 SIZE: 36.1L x 17.5H x 38.2W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 23

**B PART NO: 15317832**  
 DESCRIPTION: CPA  
 COLOR: Gray  
 MATERIAL: PA6 10% GF & 20% GB



Total Mated Length: 48.7mm

**A PART NO: 15326924**  
 DESCRIPTION: Connector Assembly 8F  
 SIZE: 28.6L x 26.2H x 29.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 22

**PART NO: 15326931**  
 DESCRIPTION: Connector Assembly 10F  
 SIZE: 28.6L x 26.2H x 34.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 22

**PART NO: 15326110**  
 DESCRIPTION: Connector Assembly 12F  
 SIZE: 28.6L x 26.2H x 40.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 22

**PART NO: 15326952**  
 DESCRIPTION: Connector Assembly 16F  
 SIZE: 28.6L x 26.2H x 51.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 22

**B PART NO: 15317832**  
 DESCRIPTION: CPA  
 COLOR: Gray  
 MATERIAL: PA6 10% GF & 20% GB

**C PART NO: 15326928**  
 DESCRIPTION: Connector Assembly 8M  
 SIZE: 36.1L x 22.5H x 26.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 23

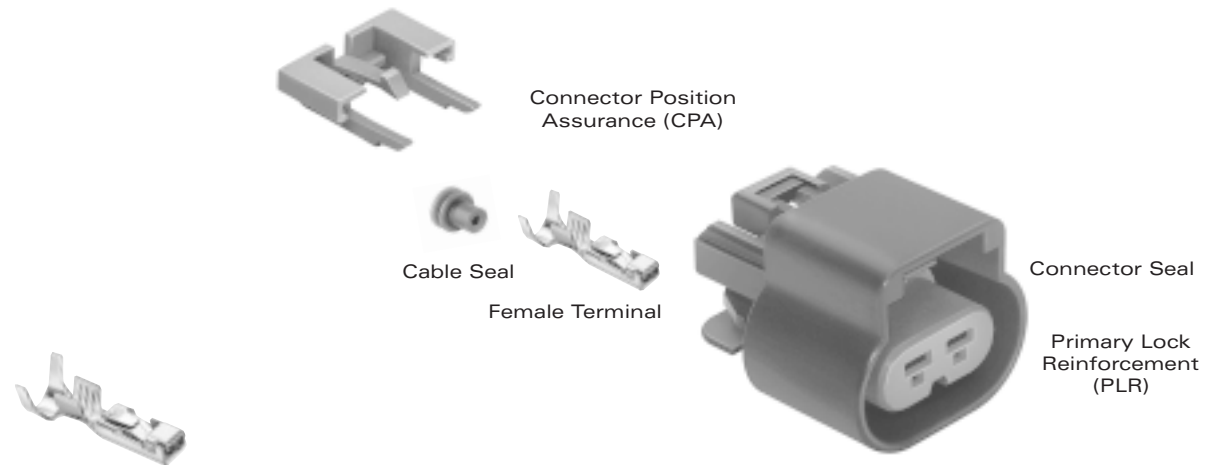
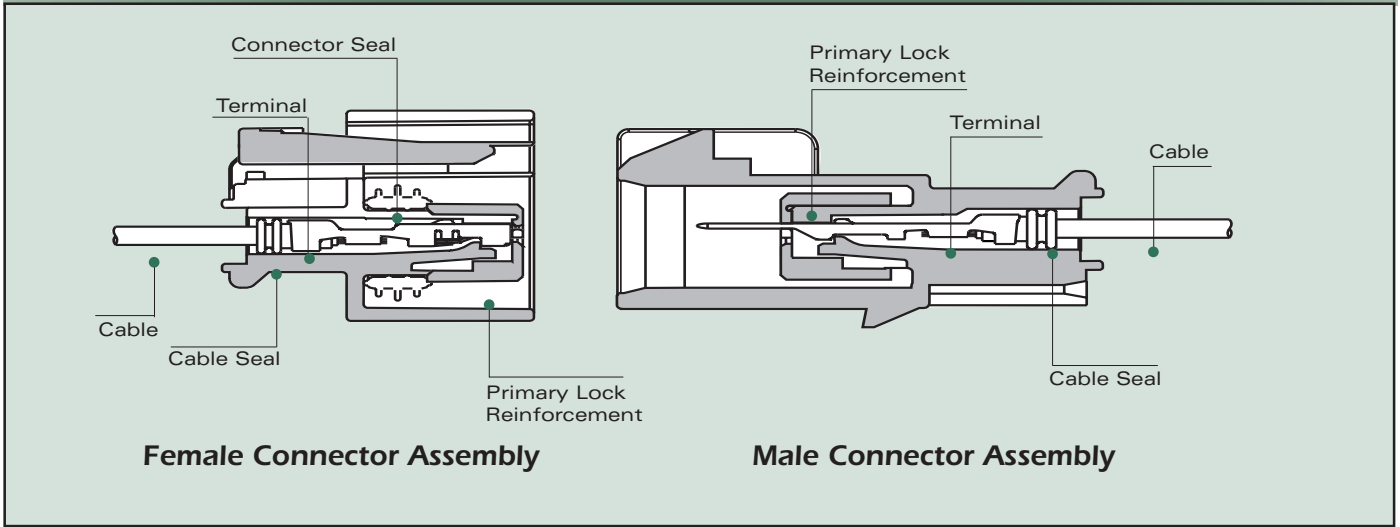
**PART NO: 15326935**  
 DESCRIPTION: Connector Assembly 10M  
 SIZE: 36.1L x 22.5H x 32.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 23

**PART NO: 15326942**  
 DESCRIPTION: Connector Assembly 12M  
 SIZE: 36.1L x 22.5H x 37.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 23

**PART NO: 15326956**  
 DESCRIPTION: Connector Assembly 16M  
 SIZE: 36.1L x 22.5H x 48.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 23



**Cross Sectional View**



**GT 280 FEMALE TERMINALS SEALED**

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
15304718	0.50-0.35	Tin Brass	Tin
15304719	1.00-0.75	Tin Brass	Tin
15304720	3.00-1.50	Tin Brass	Tin
15326004	5.00-4.00	Beryllium Copper	Tin



**GT 280 CABLE SEALS**

Reel Part #	Loose Part #	Cable Diameter	Material	Color
12191221	15366065	1.20-1.85	Silicone	Orange
12191222	15366066	1.86-2.25	Silicone	Yellow
12191223	15366067	2.50-3.20	Silicone	Tan
-	12191235	3.40-3.90	Silicone	Purple

**GT 280 FEMALE CONNECTOR ASSEMBLIES SEALED**

# Cavities	Conn. Asm.	Color	Material
2	15326679	Black	PA6 10% GF & 20% GB
3	15326614	Black	PA6 10% GF & 20% GB
4	15326631	Black	PA6 10% GF & 20% GB
5	15326642	Black	PA6 10% GF & 20% GB
6	15326635	Black	PA6 10% GF & 20% GB
8	15326654	Black	PA6 10% GF & 20% GB
10	15326660	Black	PA6 10% GF & 20% GB
12	15326910	Black	PA6 10% GF & 20% GB
14	15326917	Black	PA6 10% GF & 20% GB
16	15326666	Black	PA6 10% GF & 20% GB

Primary Lock Reinforcement (PLR) and Connector Seals are included in the Connector Assemblies listed in this section.

<http://delphi.com/products/connect>



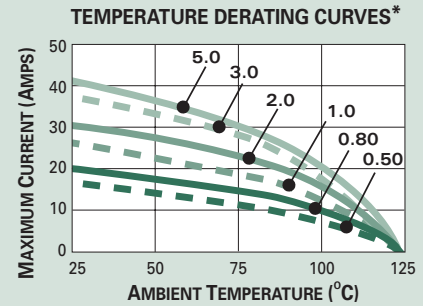
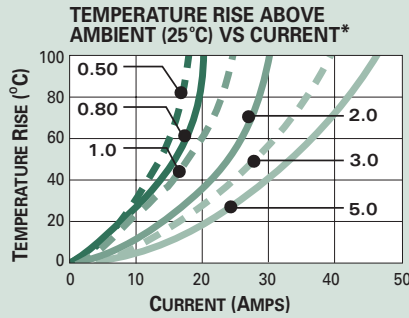


## Sealed System Application Information

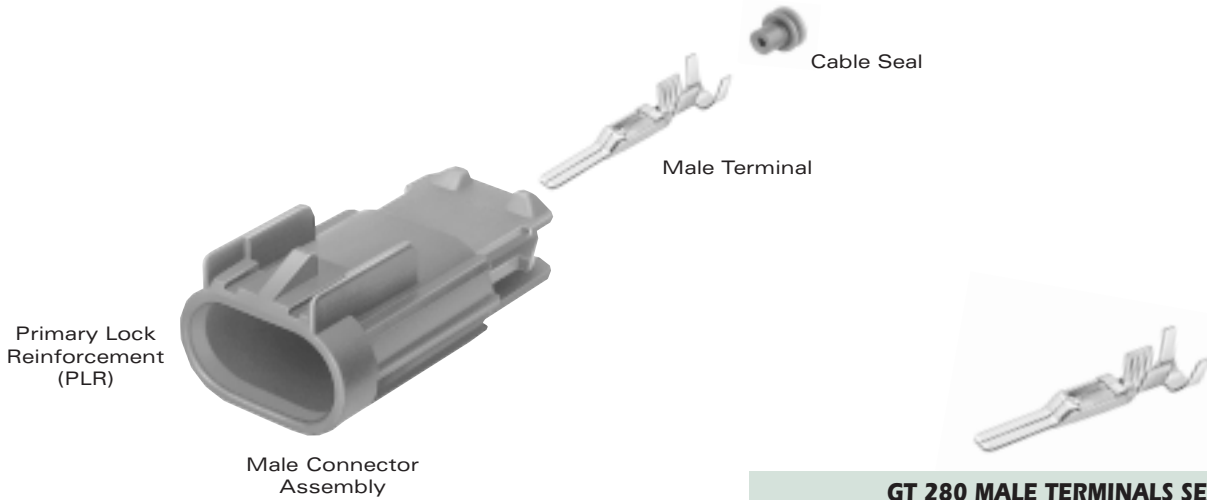


**CABLE RANGE (mm<sup>2</sup>):** ..... 0.35-5.0  
**CURRENT RANGE (AMPS):** ..... 0-25  
**TEMP RANGE °C:** ..... -40 to 125  
**RESISTANCE:** ..... <10mΩ@20mV  
**VOLTAGE DROP:** ..... <4.0mV/amp  
**CENTERLINE SPACING (mm):** ..... 6.5  
**BLADE WIDTH (mm):** ..... 2.8

### 280 SERIES TERMINALS - Tin Plated



\*The test data are based on single circuits in free space and were generated using a "Lumped Resistance" model. This model does not account for all of the variables that would be present in an actual application. For actual product performance, contact your regional support representative at the listed below.



GT 280 MALE CONNECTOR ASSEMBLIES SEALED			
# Cavities	Connector	Color	Material
2	15326678	Black	PA6 10% GF & 20% GB
3	15326623	Black	PA6 10% GF & 20% GB
4	15326633	Black	PA6 10% GF & 20% GB
5	15326647	Black	PA6 10% GF & 20% GB
6	15326640	Black	PA6 10% GF & 20% GB
8	15326655	Black	PA6 10% GF & 20% GB
10	15326661	Black	PA6 10% GF & 20% GB
12	15326915	Black	PA6 10% GF & 20% GB
14	15326922	Black	PA6 10% GF & 20% GB
16	15326667	Black	PA6 10% GF & 20% GB

Primary Lock Reinforcement is included in the Connector Assemblies listed in this section.

GT 280 MALE TERMINALS SEALED			
Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
15304730	0.50-0.35	Tin Brass	Tin
15304731	1.00-0.75	Tin Brass	Tin
15304732	3.00-1.50	Tin Brass	Tin

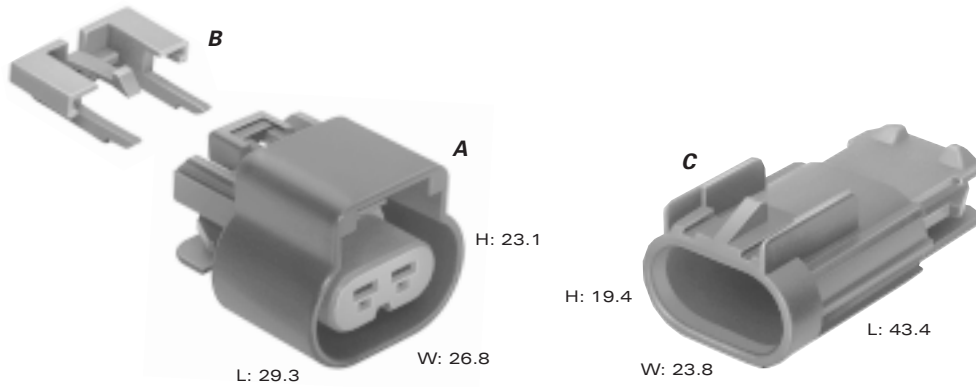
GT 280 CAVITY PLUG*			
Part #	Cavity Diameter	Material	Color
15305170	5.8mm	Silicone	White

\*Cavity plugs seal unused female and male cavities.

#### SECTION NOTES:

- Contact your regional support representative at the number listed below.
- Due to rigid tolerances of connector cavities, it is critical to meet all crimp dimensions as specified.

<http://delphi.com/products/connect>



Total Mated Length: 56.7mm

**A PART NO: 15326679**  
 DESCRIPTION: Connector Assembly 2F  
 SIZE: 29.3L x 23.1H x 26.8W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 26  
 SEALS/PLUGS: See Page 26, 27

**C PART NO: 15326678**  
 DESCRIPTION: Connector Assembly 2M  
 SIZE: 43.4L x 19.4H x 23.8W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 27  
 SEALS/PLUGS: See Page 26, 27

**PART NO: 15326614**  
 DESCRIPTION: Connector Assembly 3F  
 SIZE: 29.3L x 23.1H x 33.3W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 26  
 SEALS/PLUGS: See Page 26, 27

**PART NO: 15326623**  
 DESCRIPTION: Connector Assembly 3M  
 SIZE: 43.4L x 19.4H x 30.3W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 27  
 SEALS/PLUGS: See Page 26, 27

**PART NO: 15326631**  
 DESCRIPTION: Connector Assembly 4F  
 SIZE: 29.3L x 23.1H x 39.8W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 26  
 SEALS/PLUGS: See Page 26, 27

**PART NO: 15326633**  
 DESCRIPTION: Connector Assembly 4M  
 SIZE: 43.4L x 19.4H x 36.8W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 27  
 SEALS/PLUGS: See Page 26, 27

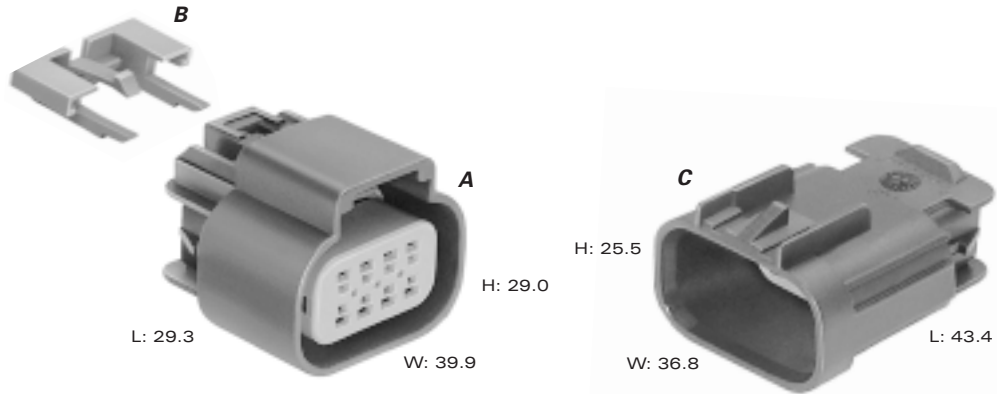
**PART NO: 15326642**  
 DESCRIPTION: Connector Assembly 5F  
 SIZE: 29.3L x 23.1H x 46.3W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 26  
 SEALS/PLUGS: See Page 26, 27

**PART NO: 15326647**  
 DESCRIPTION: Connector Assembly 5M  
 SIZE: 43.4L x 19.4H x 43.3W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 27  
 SEALS/PLUGS: See Page 26, 27

**PART NO: 15326635**  
 DESCRIPTION: Connector Assembly 6F  
 SIZE: 29.3L x 23.1H x 52.8W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 26  
 SEALS/PLUGS: See Page 26, 27

**PART NO: 15326640**  
 DESCRIPTION: Connector Assembly 6M  
 SIZE: 43.4L x 19.4H x 49.8W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 27  
 SEALS/PLUGS: See Page 26, 27

**B PART NO: 15317832**  
 DESCRIPTION: CPA  
 COLOR: Gray  
 MATERIAL: PA6 10% GF & 20% GB



Total Mated Length: 56.7mm

**A PART NO: 15326654**  
 DESCRIPTION: Connector Assembly 8F  
 SIZE: 29.3L x 29.0H x 39.9W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 26  
 SEALS/PLUGS: See Page 26, 27

**PART NO: 15326660**  
 DESCRIPTION: Connector Assembly 10F  
 SIZE: 29.3L x 29.0H x 46.4W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 26  
 SEALS/PLUGS: See Page 26, 27

**PART NO: 15326910**  
 DESCRIPTION: Connector Assembly 12F  
 SIZE: 29.3L x 29.0H x 52.9W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 26  
 SEALS/PLUGS: See Page 26, 27

**PART NO: 15326917**  
 DESCRIPTION: Connector Assembly 14F  
 SIZE: 29.3L x 29.0H x 59.4W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 26  
 SEALS/PLUGS: See Page 26, 27

**PART NO: 15326666**  
 DESCRIPTION: Connector Assembly 16F  
 SIZE: 29.3L x 29.0H x 65.9W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 26  
 SEALS/PLUGS: See Page 26, 27

**B PART NO: 15317832**  
 DESCRIPTION: CPA  
 COLOR: Gray  
 MATERIAL: PA6 10% GF & 20% GB

**C PART NO: 15326655**  
 DESCRIPTION: Connector Assembly 8M  
 SIZE: 43.4L x 25.5H x 36.8W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 27  
 SEALS/PLUGS: See Page 26, 27

**PART NO: 15326661**  
 DESCRIPTION: Connector Assembly 10M  
 SIZE: 43.4L x 25.5H x 43.3W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 27  
 SEALS/PLUGS: See Page 26, 27

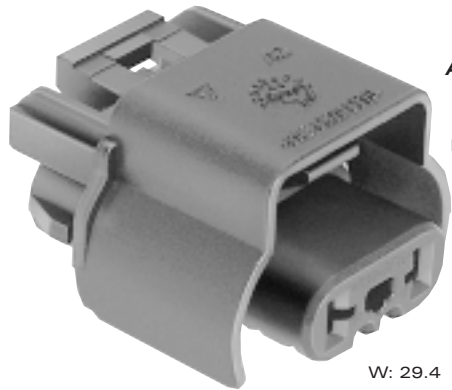
**PART NO: 15326915**  
 DESCRIPTION: Connector Assembly 12M  
 SIZE: 43.4L x 25.5H x 49.8W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 27  
 SEALS/PLUGS: See Page 26, 27

**PART NO: 15326922**  
 DESCRIPTION: Connector Assembly 14M  
 SIZE: 43.4L x 25.5H x 56.3W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 27  
 SEALS/PLUGS: See Page 26, 27

**PART NO: 15326667**  
 DESCRIPTION: Connector Assembly 16M  
 SIZE: 43.4L x 25.5H x 62.8W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 27  
 SEALS/PLUGS: See Page 26, 27



GT 280 Connection Systems are designed to mate to most headlamps, including a variety of daytime running lamps, high beam, and dual filament BULBS.



**A**

H: 23.8

W: 29.4

L: 35.8

- A PART NO: 15336116**  
 DESCRIPTION: Connector Assembly 2F  
 SIZE: 35.8L x 23.8H x 29.4W  
 COLOR: Black  
 MATERIAL: PA6 20% GF & 10% GB  
 TERMINALS: See Page 26  
 SEALS/PLUGS: See Page 84, 85



**B**

H: 23.8

W: 29.4

L: 35.8

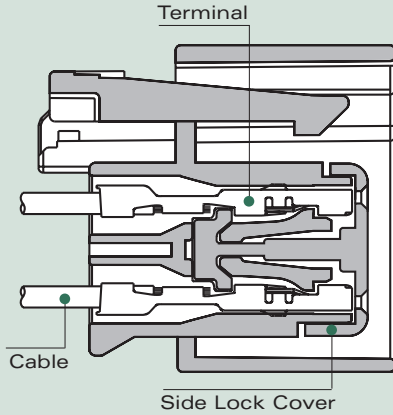
- B PART NO: 15336117**  
 DESCRIPTION: Connector Assembly 2F  
 SIZE: 35.8L x 23.8H x 29.4W  
 COLOR: Brown  
 MATERIAL: PA6 20% GF & 10% GB  
 TERMINALS: See Page 26  
 SEALS/PLUGS: See Page 84, 85



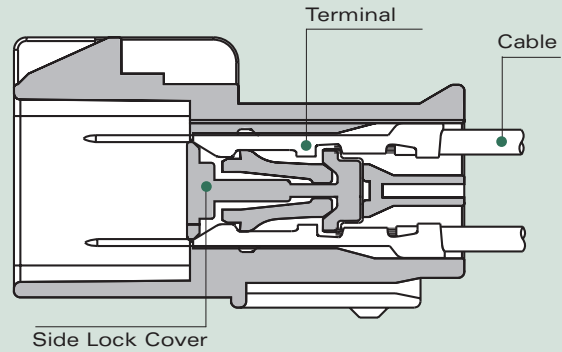




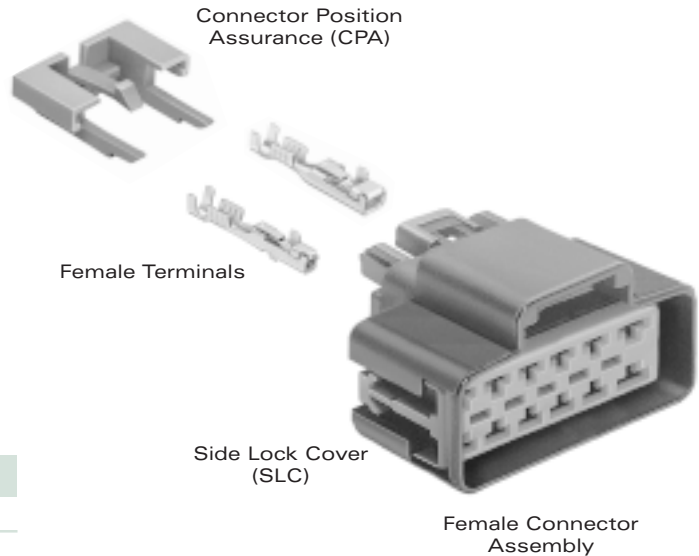
## Cross Sectional View



Female Connector Assembly



Male Connector Assembly



### GT 150 FEMALE TERMINALS UNSEALED

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
12191811	0.50-0.35	Tin Brass	Tin
12191812	1.00-0.75	Tin Brass	Tin

### GT 280 FEMALE TERMINALS UNSEALED

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
15304710	0.50-0.35	Tin Brass	Tin
15304711	1.00-0.75	Tin Brass	Tin
15304712	3.00-1.50	Tin Brass	Tin
15304713	5.00-4.00	Tin Brass	Tin

### GT MIXED FEMALE CONNECTOR ASSEMBLIES UNSEALED

# Cavities	Connector	Color	Material
12	15336205	Black	PA6 10% GF & 20% GB
16	15336219	Black	PA6 10% GF & 20% GB
18	15326082	Black	PA6 10% GF & 20% GB

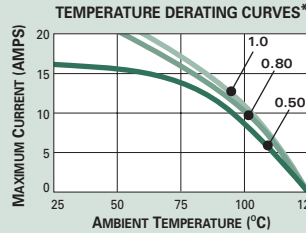
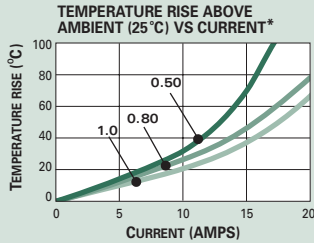
Side Lock Covers (SLC) are included in the Connector Assemblies listed in this section.

<http://delphi.com/products/connect>



### Unsealed System Application Information

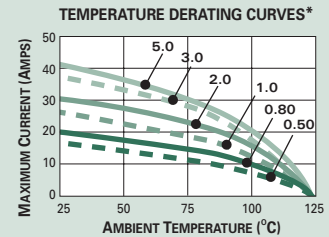
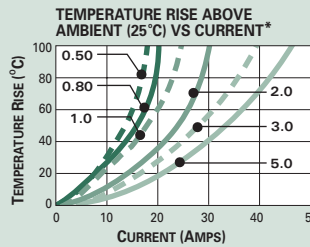
#### GT 150 SERIES TERMINALS-Tin Plated



CABLE RANGE (mm<sup>2</sup>): ..... 0.35-1.0  
 CURRENT RANGE (AMPS): ..... 0-15  
 TEMP RANGE °C: ..... -40 to 125  
 RESISTANCE: ..... <10mΩ@20mV

VOLTAGE DROP: .... <10.0mV/amp  
 CENTERLINE SPACING (mm): ..... 4.0  
 BLADE WIDTH (mm): ..... 1.5

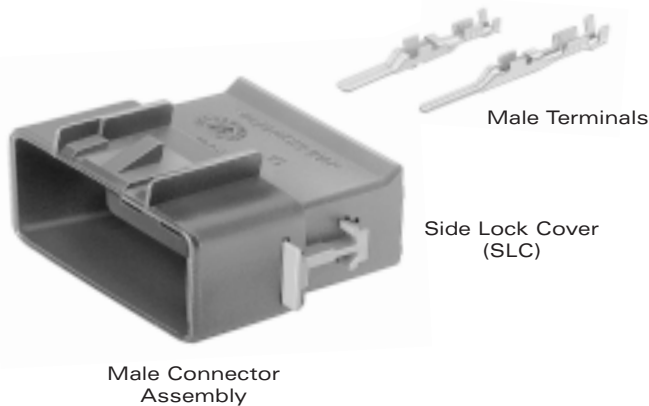
#### 280 SERIES TERMINALS - Tin Plated



CABLE RANGE (mm<sup>2</sup>): ..... 0.35-5.0  
 CURRENT RANGE (AMPS): ..... 0-25  
 TEMP RANGE °C: ..... -40 to 125  
 RESISTANCE: ..... <10mΩ@20mV

VOLTAGE DROP: ..... <4.0mV/amp  
 CENTERLINE SPACING (mm): ..... 5.5  
 BLADE WIDTH (mm): ..... 2.8

\* The test data are based on single circuits in free space and were generated using a "Lumped Resistance" model. This model does not account for all of the variables that would be present in an actual application. For actual product performance contact your regional support representative at the number listed below.



#### GT 150 MALE TERMINALS UNSEALED

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
15304701	0.50-0.35	Tin Brass	Tin
15304702	1.00-0.75	Tin Brass	Tin

#### GT 280 MALE TERMINALS UNSEALED

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
15304722	0.50-0.35	Tin Brass	Tin
15304723	1.00-0.75	Tin Brass	Tin
15304724	3.00-1.50	Tin Brass	Tin
15304725	5.00-4.00	Tin Brass	Tin

#### GT MIXED MALE CONNECTOR ASSEMBLIES UNSEALED

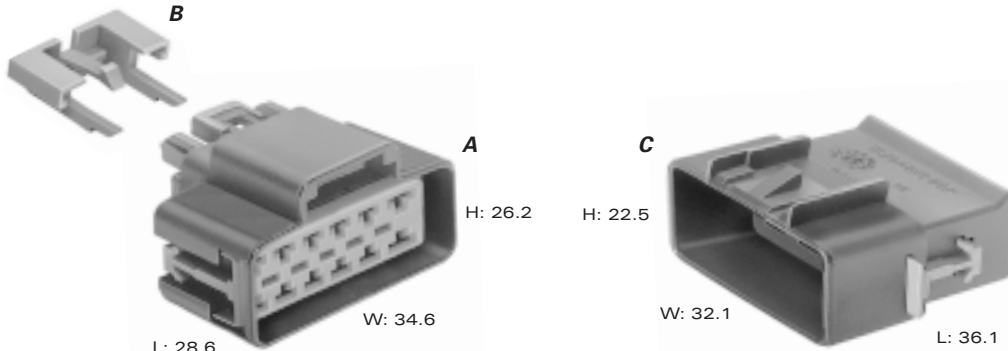
# Cavities	Connector	Color	Material
12	15336209	Black	PA6 10% GF & 20% GB
16	15336224	Black	PA6 10% GF & 20% GB

Side Lock Covers (SLC) are included in the Connector Assemblies listed in this section.

#### SECTION NOTES:

- Contact your regional support representative at the number listed below.
- Due to rigid tolerances of connector cavities, it is critical to meet all crimp dimensions as specified.
- Special consideration must be used when applying terminals 15304713 and 15304725 due to cavity space limitations.

<http://delphi.com/products/connect>



Total Mated Length: 56.7mm

**A PART NO: 15336205**  
 DESCRIPTION: Connector Assembly 12F  
 SIZE: 28.6L x 26.2H x 34.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 32

**C PART NO: 15336209**  
 DESCRIPTION: Connector Assembly 12M  
 SIZE: 36.1L x 22.5H x 32.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 33

**PART NO: 15336219**  
 DESCRIPTION: Connector Assembly 16F  
 SIZE: 28.6L x 26.2H x 42.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 32

**PART NO: 15336224**  
 DESCRIPTION: Connector Assembly 16M  
 SIZE: 36.1L x 22.5H x 40.1W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 33

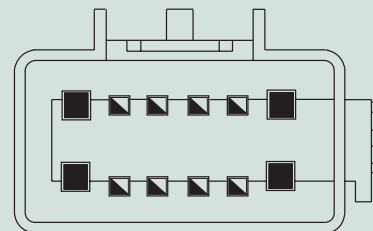
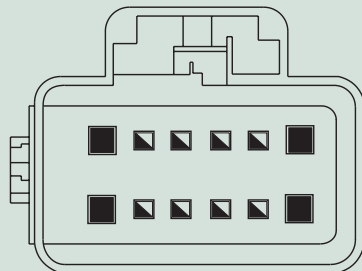
**PART NO: 15326082**  
 DESCRIPTION: Connector Assembly 18F  
 SIZE: 28.6L x 26.2H x 46.6W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 32

**B PART NO: 15317832**  
 DESCRIPTION: CPA  
 COLOR: Gray  
 MATERIAL: PA6 10% GF & 20% GB

**KEY:**

- ▣ 150 SERIES
- 280 SERIES

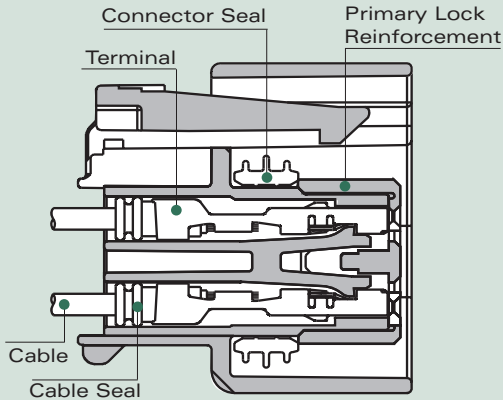
Mixed connectors feature a combination of different terminal cavities, as indicated by the key.



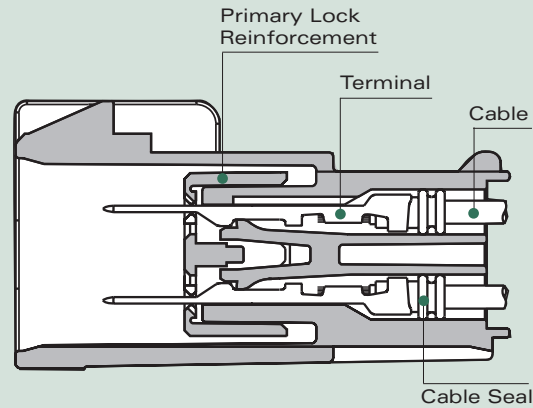




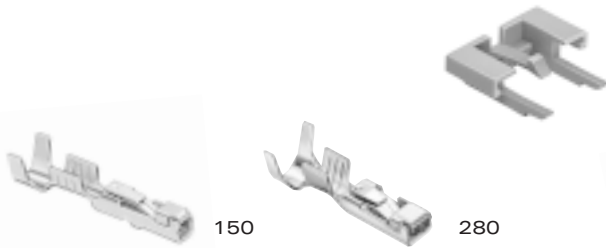
## Cross Sectional View



Female Connector Assembly



Male Connector Assembly



150

280

Connector Position Assurance (CPA)

Cable Seals

Female Terminals



Primary Lock Reinforcement (PLR)

Female Connector Assembly

### GT 150 FEMALE TERMINALS SEALED

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
12191818	0.50-0.35	Tin Brass	Tin
12191819	1.00-0.75	Tin Brass	Tin

### GT 280 FEMALE TERMINALS SEALED

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
15304718	0.50-0.35	Tin Brass	Tin
15304719	1.00-0.75	Tin Brass	Tin
15304720	3.00-1.50	Tin Brass	Tin
15326004	5.00-4.00	Beryllium Copper	Tin



150



280

### GT 150 CABLE SEALS

Reel Part #	Loose Part #	Cable Diameter	Material	Color
12191152	15366021	1.20-1.85	Silicone	White
12191153	15366060	1.86-2.25	Silicone	Blue

### GT 280 CABLE SEALS

Reel Part #	Loose Part #	Cable Diameter	Material	Color
12191221	15366065	1.20-1.85	Silicone	Orange
12191222	15366066	1.86-2.25	Silicone	Yellow
12191223	15366067	2.50-3.20	Silicone	Tan
-	12191235	3.40-3.90	Silicone	Purple

### GT MIXED FEMALE CONNECTOR ASSEMBLIES SEALED

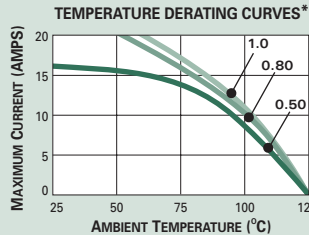
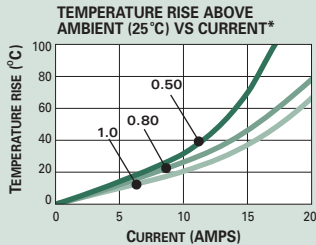
# Cavities	Connector	Color	Material
12	15326939	Black	PA6 10% GF & 20% GB
14	15336037	Black	PA6 10% GF & 20% GB
16	15326084	Black	PA6 10% GF & 20% GB

Primary Lock Reinforcement (PLR) and Connector Seals are included in the Connector Assemblies listed in this section.



### Sealed System Application Information

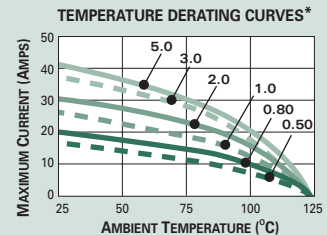
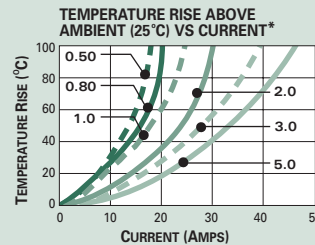
#### GT 150 SERIES TERMINALS-Tin Plated



CABLE RANGE (mm<sup>2</sup>): ..... 0.35-1.0  
 CURRENT RANGE (AMPS): ..... 0-15  
 TEMP RANGE °C: ..... -40 to 125  
 RESISTANCE: ..... <10mΩ@20mV

VOLTAGE DROP: .... <10.0mV/amp  
 CENTERLINE SPACING (mm): ..... 4.5  
 BLADE WIDTH (mm): ..... 1.5

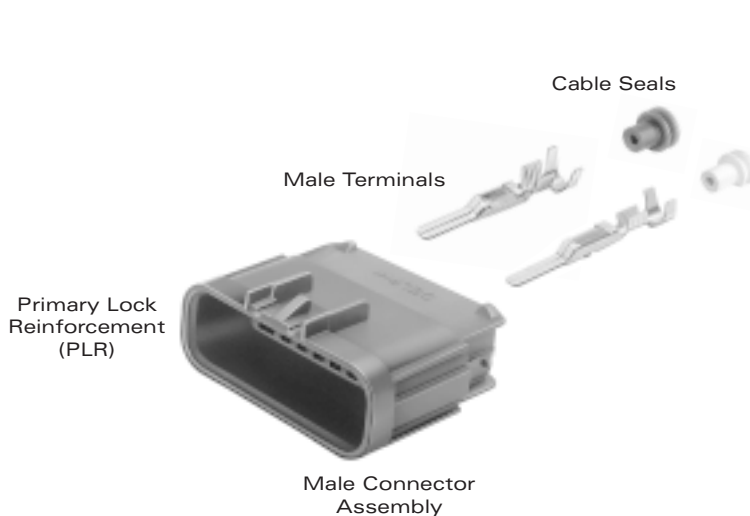
#### 280 SERIES TERMINALS - Tin Plated



CABLE RANGE (mm<sup>2</sup>): ..... 0.35-5.0  
 CURRENT RANGE (AMPS): ..... 0-25  
 TEMP RANGE °C: ..... -40 to 125  
 RESISTANCE: ..... <10mΩ@20mV

VOLTAGE DROP: ..... <4.0mV/amp  
 CENTERLINE SPACING (mm): ..... 6.5  
 BLADE WIDTH (mm): ..... 2.8

\* The test data are based on single circuits in free space and were generated using a "Lumped Resistance" model. This model does not account for all of the variables that would be present in an actual application. For actual product performance, contact your regional support representative at the number listed below.



#### GT 150 MALE TERMINALS SEALED

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
15326268	0.50-0.35	Tin Brass	Tin
15326269	1.00-0.75	Tin Brass	Tin

#### GT 280 MALE TERMINALS SEALED

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
15304730	0.50-0.35	Tin Brass	Tin
15304731	1.00-0.75	Tin Brass	Tin
15304732	3.00-1.50	Tin Brass	Tin

#### GT 150 CAVITY PLUG\*

Part #	Cavity Diameter	Material	Color
15305171	4.0mm	Silicone	Green

\*Cavity plugs seal unused female and male cavities.

#### GT 280 CAVITY PLUG\*

Part #	Cavity Diameter	Material	Color
15305170	5.8mm	Silicone	White

\*Cavity plugs seal unused female and male cavities.

#### GT MIXED MALE CONNECTOR ASSEMBLIES SEALED

# Cavities	Connector	Color	Material
12	15336034	Black	PA6 10% GF & 20% GB
14	15422562	Black	PA6 10% GF & 20% GB
16	15326085	Black	PA6 10% GF & 20% GB

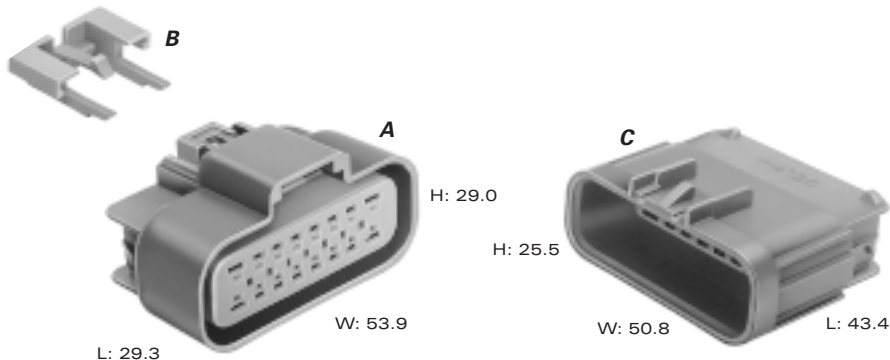
Primary Lock Reinforcement (PLR) is included in the Connector Assemblies listed in this section.

#### SECTION NOTES:

- Contact your regional support representative at the number listed below.
- Due to rigid tolerances of connector cavities, it is critical to meet all crimp dimensions as specified.

<http://delphi.com/products/connect>





Total Mated Length: 56.7mm

**A PART NO: 15326939**  
 DESCRIPTION: Connector Assembly 12F  
 SIZE: 29.3L x 29.0H x 44.9W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 36  
 SEALS/PLUGS: See Page 36, 37

**C PART NO: 15336034**  
 DESCRIPTION: Connector Assembly 12M  
 SIZE: 43.4L x 25.5H x 41.8W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 37  
 SEALS/PLUGS: See Page 36, 37

**PART NO: 15336037**  
 DESCRIPTION: Connector Assembly 14F  
 SIZE: 29.3L x 29.0H x 49.4W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 36  
 SEALS/PLUGS: See Page 36, 37

**PART NO: 15422562**  
 DESCRIPTION: Connector Assembly 14M  
 SIZE: 43.4L x 25.5H x 46.3W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 37  
 SEALS/PLUGS: See Page 36, 37

**PART NO: 15326084**  
 DESCRIPTION: Connector Assembly 16F  
 SIZE: 29.3L x 29.0H x 53.9W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 36  
 SEALS/PLUGS: See Page 36, 37

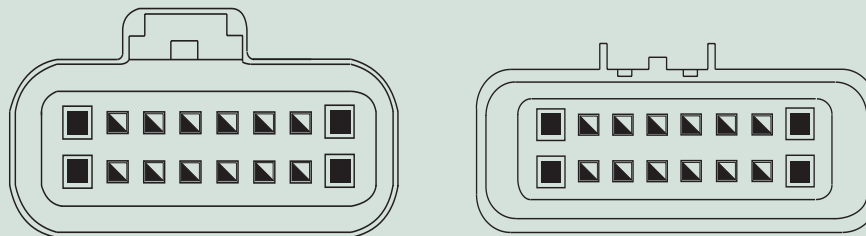
**PART NO: 15326085**  
 DESCRIPTION: Connector Assembly 16M  
 SIZE: 43.4L x 25.5H x 50.8W  
 COLOR: Black  
 MATERIAL: PA6 10% GF & 20% GB  
 TERMINALS: See Page 37  
 SEALS/PLUGS: See Page 36, 37

**B PART NO: 15317832**  
 DESCRIPTION: CPA  
 COLOR: Gray  
 MATERIAL: PA6 10% GF & 20% GB

**KEY:**

- ▣ 150 SERIES
- 280 SERIES

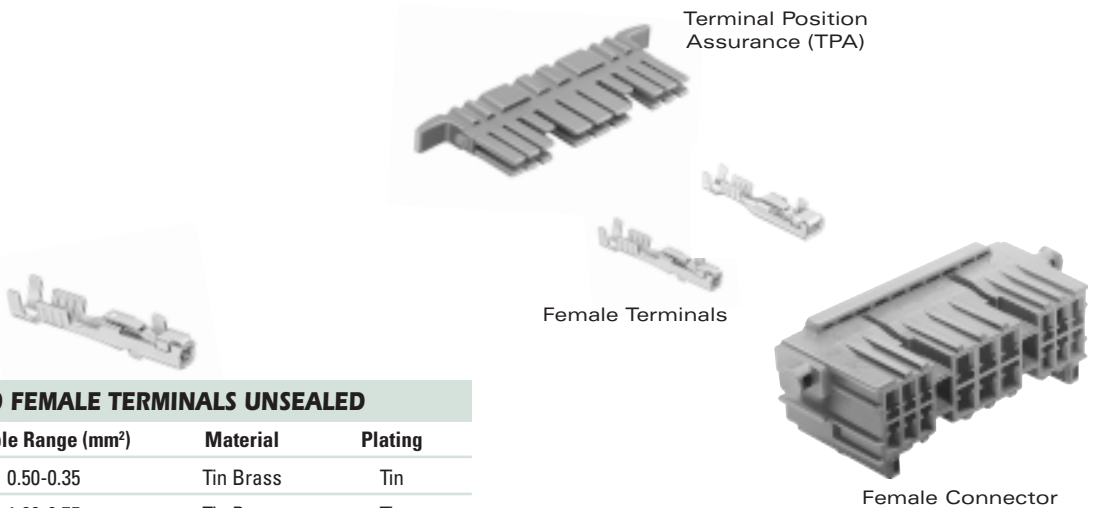
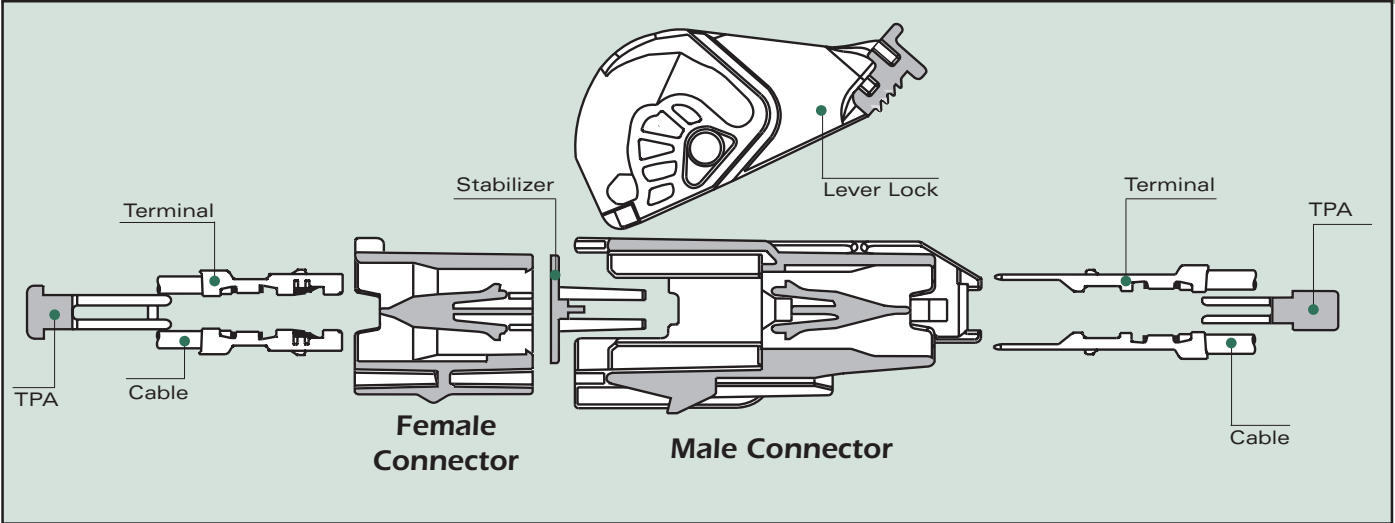
Mixed connectors feature a combination of different terminal cavities, as indicated by the key.







## Cross Sectional View



### GT 150 FEMALE TERMINALS UNSEALED

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
12191811	0.50-0.35	Tin Brass	Tin
12191812	1.00-0.75	Tin Brass	Tin

### GT 280 FEMALE TERMINALS UNSEALED

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
15304710	0.50-0.35	Tin Brass	Tin
15304711	1.00-0.75	Tin Brass	Tin
15304712	3.00-1.50	Tin Brass	Tin
15304713	5.00-4.00	Tin Brass	Tin

### GT FEMALE LEVER LOCK CONNECTORS UNSEALED

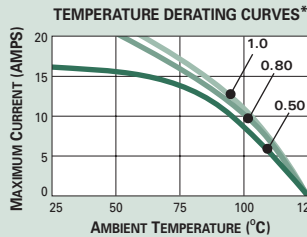
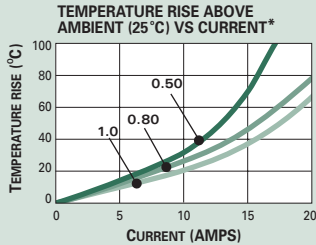
# Cavities	Connector	Color	Material	TPA
18	15304692	Black	PA66 HS IM	15304694
22	15317325	Lt. Gray	PA66 HS IM	15317326
30	15304908	Black	PA66 HS IM	15304913
40	15359287	Black	PA66 HS IM	15304842

<http://delphi.com/products/connect>



### Unsealed System Application Information

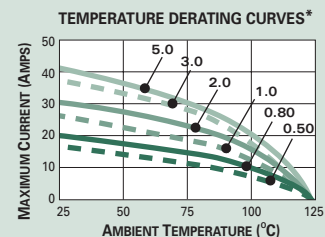
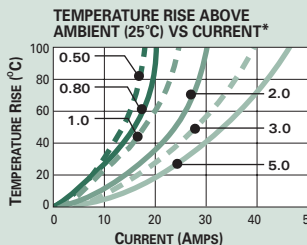
#### GT 150 SERIES TERMINALS-Tin Plated



CABLE RANGE (mm<sup>2</sup>): ..... 0.35-1.0  
 CURRENT RANGE (AMPS): ..... 0-15  
 TEMP RANGE °C: ..... -40 to 125  
 RESISTANCE: ..... <10mΩ@20mV

VOLTAGE DROP: .... <10.0mV/amp  
 CENTERLINE SPACING (mm): ..... 4.0  
 BLADE WIDTH (mm): ..... 1.5

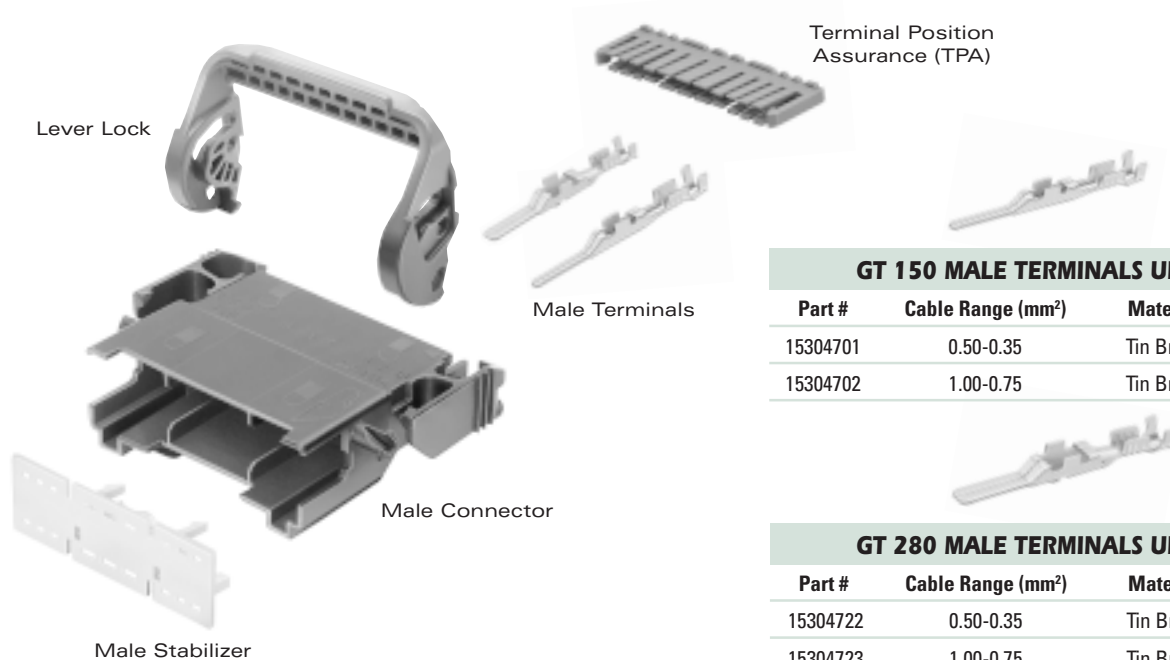
#### 280 SERIES TERMINALS - Tin Plated



CABLE RANGE (mm<sup>2</sup>): ..... 0.35-5.0  
 CURRENT RANGE (AMPS): ..... 0-25  
 TEMP RANGE °C: ..... -40 to 125  
 RESISTANCE: ..... <10mΩ@20mV

VOLTAGE DROP: ..... <4.0mV/amp  
 CENTERLINE SPACING (mm): ..... 5.5  
 BLADE WIDTH (mm): ..... 2.8

\* The test data are based on single circuits in free space and were generated using a "Lumped Resistance" model. This model does not account for all of the variables that would be present in an actual application. For actual product performance, contact your regional support representative at the number listed below.



#### GT 150 MALE TERMINALS UNSEALED

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
15304701	0.50-0.35	Tin Brass	Tin
15304702	1.00-0.75	Tin Brass	Tin

#### GT 280 MALE TERMINALS UNSEALED

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
15304722	0.50-0.35	Tin Brass	Tin
15304723	1.00-0.75	Tin Brass	Tin
15304724	3.00-1.50	Tin Brass	Tin
15304725	5.00-4.00	Tin Brass	Tin

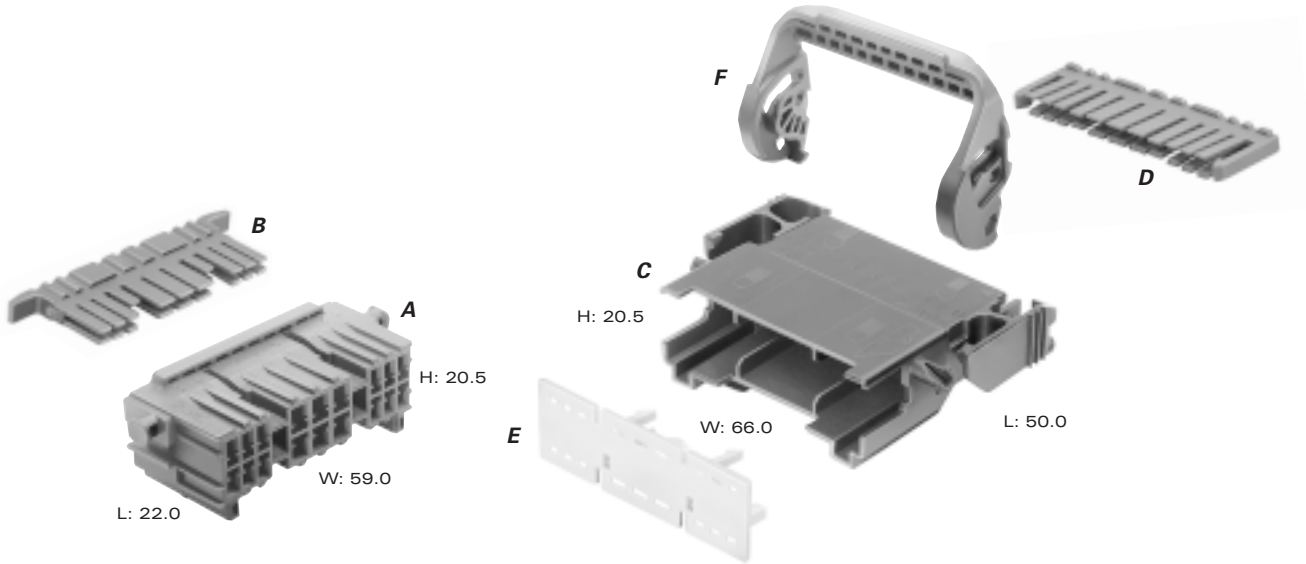
#### GT MALE LEVER LOCK CONNECTORS UNSEALED

# Cavities	Connector	Color	Material	TPA	Stabilizer	Lever Lock
18	15336468	Black	PA66 HS IM	15304695	15418982	15317550
22	15317322	Lt. Gray	PA66 HS IM	15317323	15418983	15317321
30	15326762	Black	PA66 HS IM	15304912	15418984	15326799
40	15336417	Black	PA66 HS IM	15304841	15326177	15336387

#### SECTION NOTES:

- Contact your regional support representative at the number listed below.
- Due to rigid tolerances of connector cavities, it is critical to meet all crimp dimensions as specified.
- Special consideration must be used when applying terminals 15304713 and 15304725 due to cavity space limitations.

<http://delphi.com/products/connect>



Total Mated Length: 63.8mm

**A PART NO:** 15304692 (Black)  
15304690 (Md. Gray)  
DESCRIPTION: Connector 18F  
SIZE: 22.0L x 20.5H x 59.0W  
MATERIAL: PA66 HS IM  
TERMINALS: See Page 40

**C PART NO:** 15336468 (Black)  
15336467 (Md. Gray)  
DESCRIPTION: Connector 18M  
SIZE: 50.0L x 20.5H x 66.0W  
MATERIAL: PA66 HS IM  
TERMINALS: See Page 41  
CLIP: 12084149

**B PART NO:** 15304694  
DESCRIPTION: TPA  
COLOR: Blue  
MATERIAL: PBT

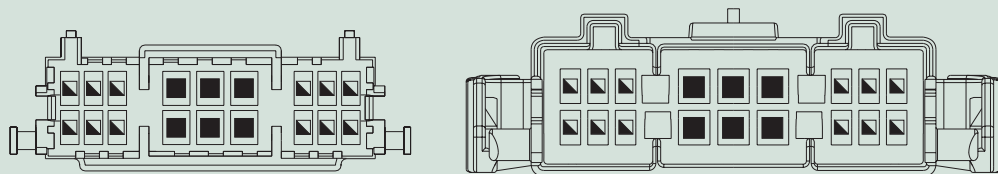
**D PART NO:** 15304695  
DESCRIPTION: TPA  
COLOR: Blue  
MATERIAL: PBT

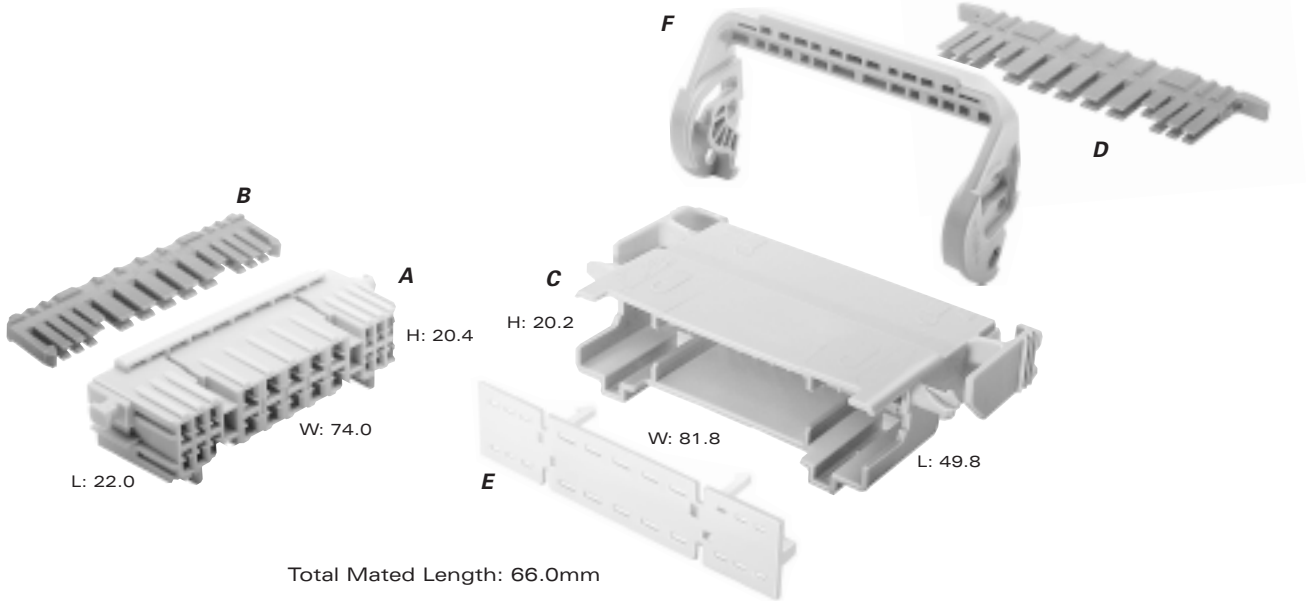
**E PART NO:** 15418982  
DESCRIPTION: Stabilizer  
COLOR: Natural  
MATERIAL: PA66 HS IM

**F PART NO:** 15317550  
DESCRIPTION: Lever Lock  
COLOR: Purple  
MATERIAL: PA66 HS IM

- KEY:**
- ▣ 150 SERIES
  - 280 SERIES

Mixed connectors feature a combination of different terminal cavities, as indicated by the key.





**A** PART NO: **15317325 (Lt. Gray)**  
**15326063 (Md. Gray)**  
 DESCRIPTION: Connector 22F  
 SIZE: 22.0L x 20.4H x 74.0W  
 MATERIAL: PA66 HS IM  
 TERMINALS: See Page 40

**B** PART NO: **15317326**  
 DESCRIPTION: TPA  
 COLOR: Blue  
 MATERIAL: PBT

**C** PART NO: **15317322 (Lt. Gray)**  
**15326064 (Md. Gray)**  
 DESCRIPTION: Connector 22M  
 SIZE: 49.8L x 20.2H x 81.8W  
 MATERIAL: PA66 HS IM  
 TERMINALS: See Page 41  
 CLIP: 12110290

**D** PART NO: **15317323**  
 DESCRIPTION: TPA  
 COLOR: Blue  
 MATERIAL: PBT

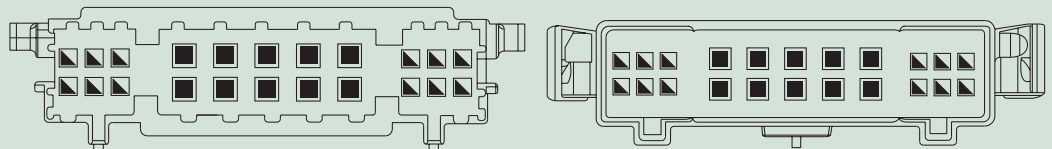
**E** PART NO: **15418983**  
 DESCRIPTION: Stabilizer  
 COLOR: Natural  
 MATERIAL: PA66 HS IM

**F** PART NO: **15317321**  
 DESCRIPTION: Lever Lock  
 COLOR: Blue  
 MATERIAL: PA66 HS IM

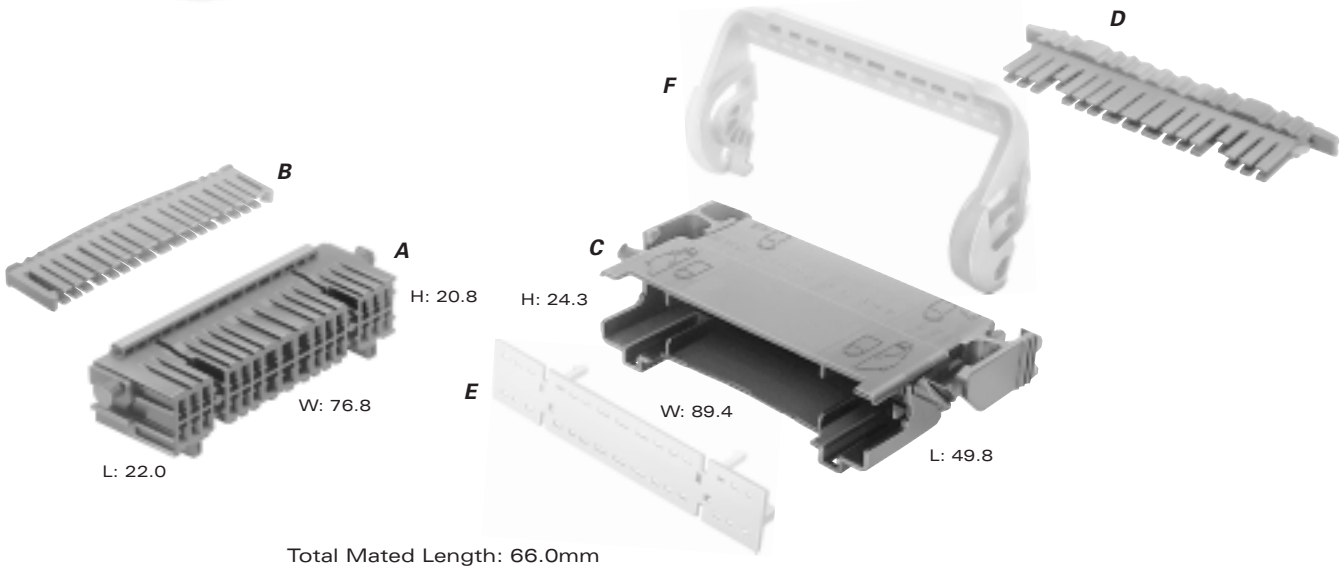
**KEY:**

- ▣ 150 SERIES
- 280 SERIES

Mixed connectors feature a combination of different terminal cavities, as indicated by the key.







Total Mated Length: 66.0mm

**A PART NO: 15304908**  
 DESCRIPTION: Connector 30F  
 SIZE: 22.0L x 20.8H x 76.8W  
 COLOR: Black  
 MATERIAL: PA66 HS IM  
 TERMINALS: See Page 40

**C PART NO: 15326762**  
 DESCRIPTION: Connector 30M  
 SIZE: 49.8L x 24.3H x 89.4W  
 COLOR: Black  
 MATERIAL: PA66 HS IM  
 TERMINALS: See Page 41

**B PART NO: 15304913**  
 DESCRIPTION: TPA  
 COLOR: Blue  
 MATERIAL: PBT

**D PART NO: 15304912**  
 DESCRIPTION: TPA  
 COLOR: Blue  
 MATERIAL: PBT

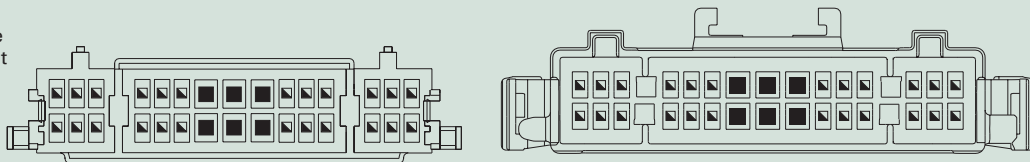
**E PART NO: 15418984**  
 DESCRIPTION: Stabilizer  
 COLOR: Natural  
 MATERIAL: PA66 HS IM

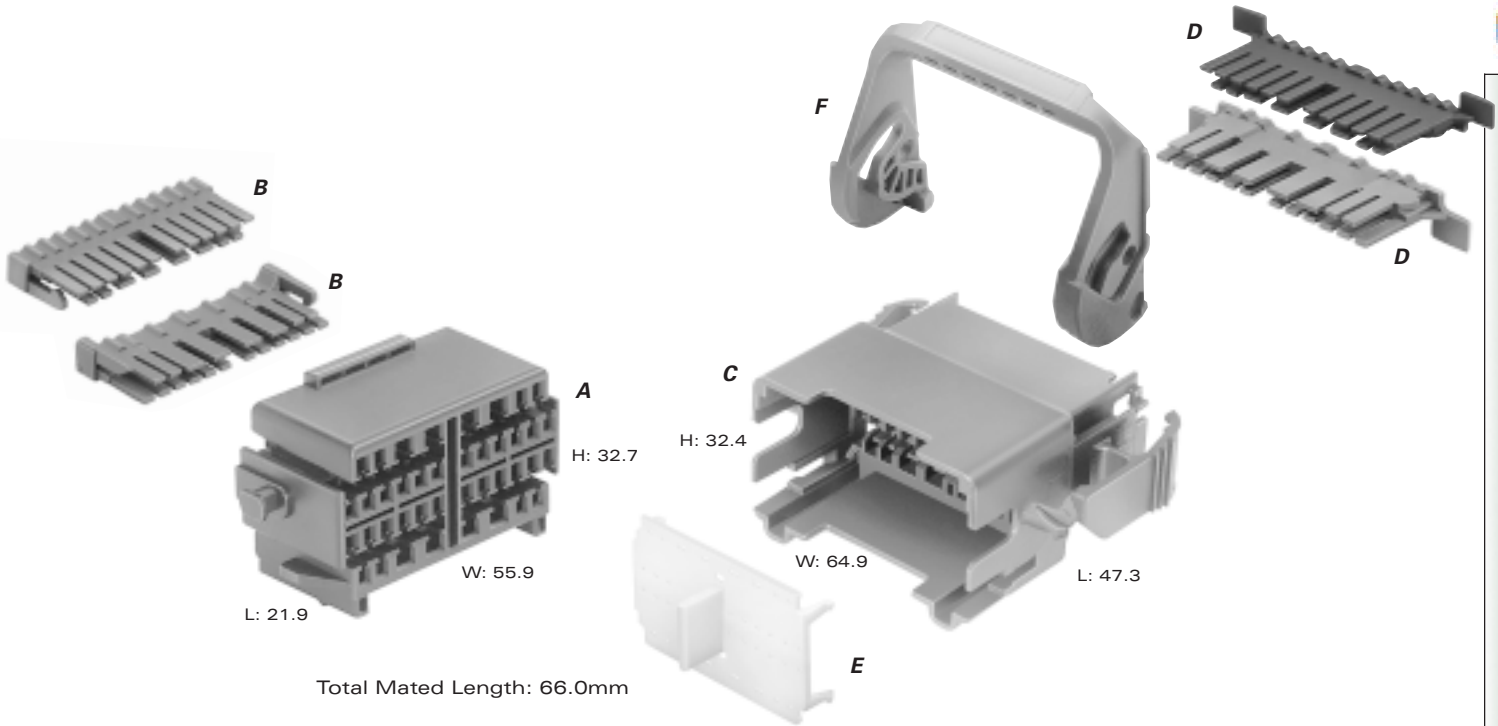
**F PART NO: 15326799**  
 DESCRIPTION: Lever Lock  
 COLOR: Natural  
 MATERIAL: PA66 HS IM 14% GF

**KEY:**

- 150 SERIES
- 280 SERIES

Mixed connectors feature a combination of different terminal cavities, as indicated by the key.





**A PART NO:** 15359287 (Black)  
15393744 (Gray)  
DESCRIPTION: Connector 40F  
SIZE: 21.9L x 32.7H x 55.9W  
MATERIAL: PA66 HS IM  
TERMINALS: See Page 40

**B PART NO:** 15304842  
DESCRIPTION: TPA  
NUMBER REQ.: 2  
COLOR: Blue  
MATERIAL: PBT

**C PART NO:** 15336417 (Black)  
15305216 (Gray)  
DESCRIPTION: Connector 40M  
SIZE: 47.3L x 32.4H x 64.9W  
MATERIAL: PA66 HS IM  
TERMINALS: See Page 41

**D PART NO:** 15304841  
DESCRIPTION: TPA  
NUMBER REQ.: 2  
COLOR: Blue  
MATERIAL: PBT

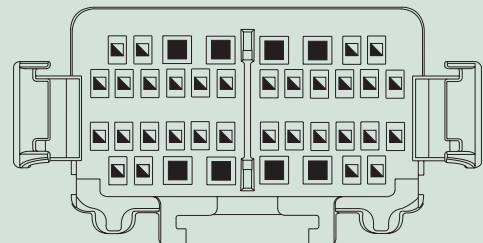
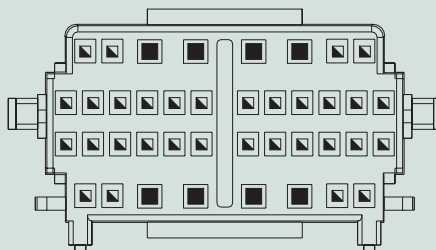
**E PART NO:** 15326177  
DESCRIPTION: Stabilizer  
COLOR: Natural  
MATERIAL: PA66 HS IM

**F PART NO:** 15336387  
DESCRIPTION: Lever Lock  
COLOR: Natural  
MATERIAL: PA66 HS IM 14% GF

### KEY:

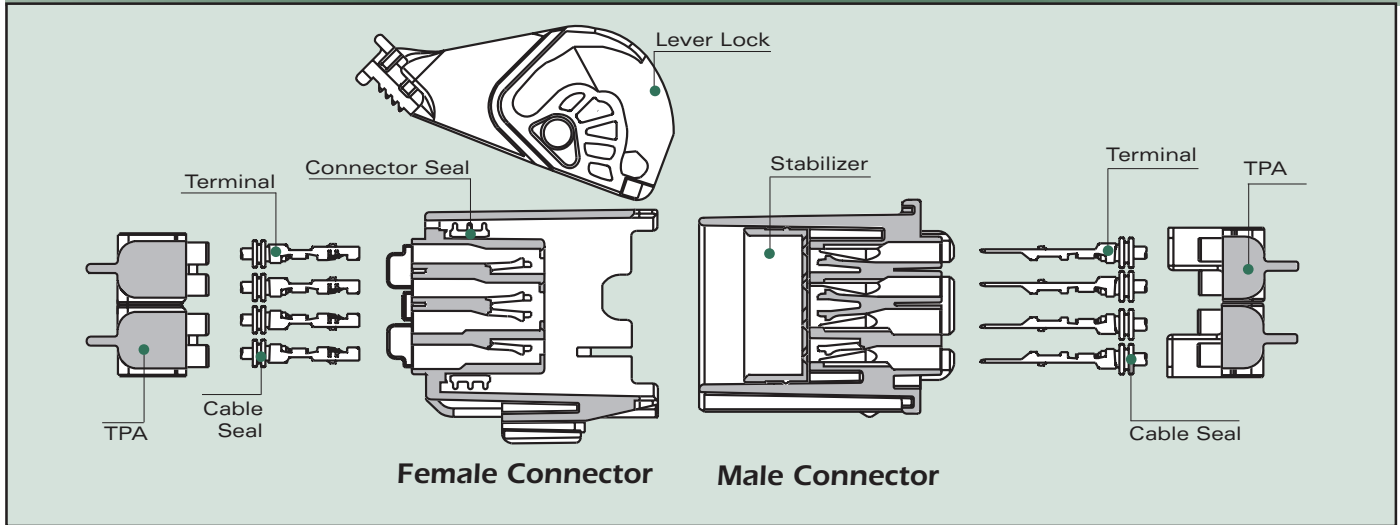
- 150 SERIES
- 280 SERIES

Mixed connectors feature a combination of different terminal cavities, as indicated by the key.





## Cross Sectional View



### GT 150 FEMALE TERMINALS SEALED

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
12191818	0.50-0.35	Tin Brass	Tin
12191819	1.00-0.75	Tin Brass	Tin

### GT 280 FEMALE TERMINALS SEALED

Part # Dia. 5.2 (mm)	Part # Dia. 5.8 (mm)	Cable Range (mm <sup>2</sup> )	Material	Plating
15304715	15304718	0.50-0.35	Tin Brass	Tin
15304716	15304719	1.00-0.75	Tin Brass	Tin
15304717	-	2.00-1.50	Tin Brass	Tin
-	15304720	3.00-1.50	Tin Brass	Tin
-	15326004	5.00-4.00	Beryllium Copper	Tin

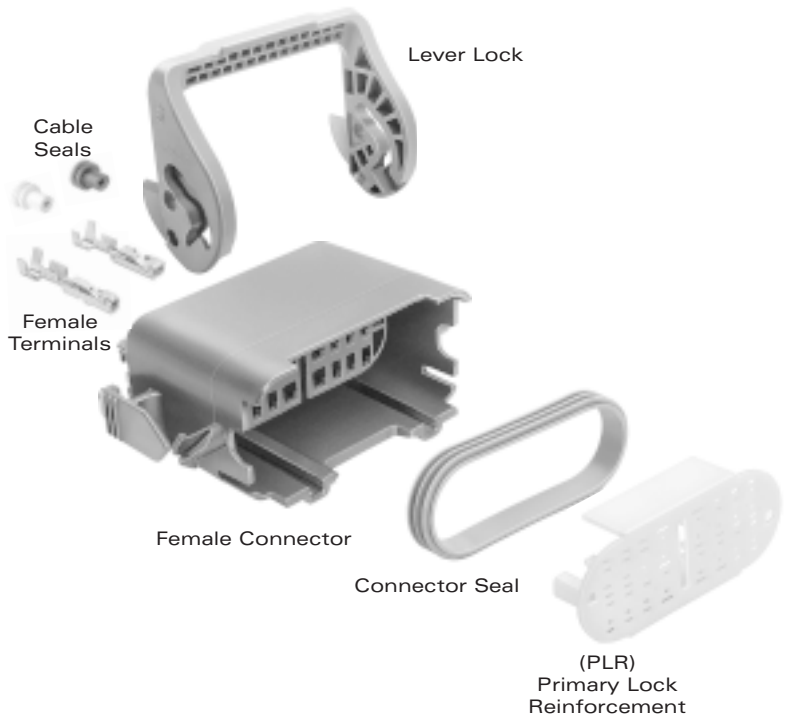


### GT 150 CABLE SEALS

Reel Part #	Loose Part #	Cable Diameter	Material	Color
12191152	15366021	1.20-1.85	Silicone	White
12191153	15366060	1.86-2.25	Silicone	Blue

### GT 280 CABLE SEALS

	Reel Part #	Loose Part #	Cable Diameter	Material	Color
<b>280 5.8mm</b>	12191221	15366065	1.20-1.85	Silicone	Orange
	12191222	15366066	1.86-2.25	Silicone	Yellow
	12191223	15366067	2.50-3.20	Silicone	Tan
	-	12191235	3.40-3.90	Silicone	Purple
<b>280 5.2mm</b>	12191156	15366063	1.20-1.85	Silicone	Gray
	12191157	15366064	1.86-2.25	Silicone	Purple
	12191154	15366061	2.09-2.66	Silicone	Dk. Red



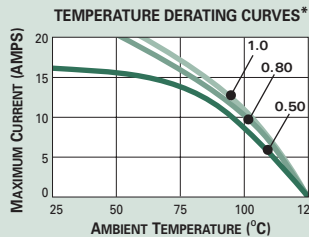
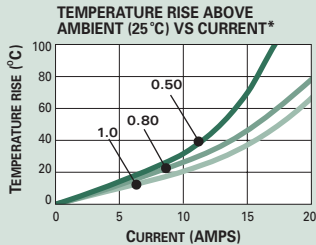
### GT FEMALE LEVER LOCK CONNECTORS SEALED

# Cavities	Connector	Color	Material	PLR	TPA	Seal		Lever Lock
						Seal	Lever Lock	
24	15366099	Black	PA6 10%GF & 20% GB	15373422	-	15336177	15369322	
38	15336418	Black	PA66 HS IM	-	15304904	15304905	15336267	



### Sealed System Application Information

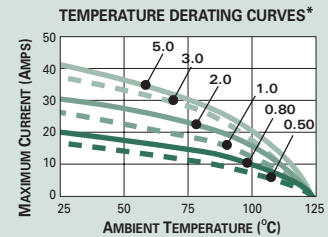
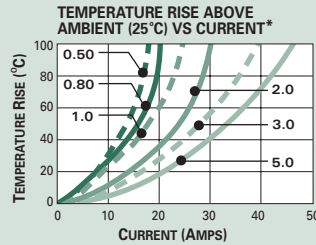
#### GT 150 SERIES TERMINALS-Tin Plated



CABLE RANGE (mm<sup>2</sup>): ..... 0.35-1.0  
 CURRENT RANGE (AMPS): ..... 0-15  
 TEMP RANGE °C: ..... -40 to 125  
 RESISTANCE: ..... <10mΩ@20mV

VOLTAGE DROP: .... <10.0mV/amp  
 CENTERLINE SPACING (mm): ..... 4.5  
 BLADE WIDTH (mm): ..... 1.5

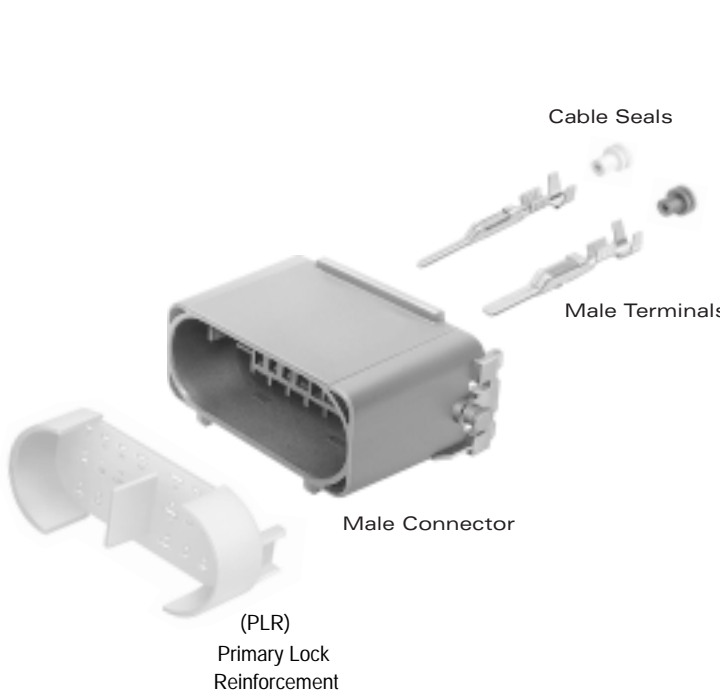
#### 280 SERIES TERMINALS - Tin Plated



CABLE RANGE (mm<sup>2</sup>): ..... 0.35-5.0  
 CURRENT RANGE (AMPS): ..... 0-25  
 TEMP RANGE °C: ..... -40 to 125  
 RESISTANCE: ..... <10mΩ@20mV

VOLTAGE DROP: ..... <4.0mV/amp  
 CENTERLINE SPACING (mm): ..... 6.5  
 BLADE WIDTH (mm): ..... 2.8

\* The test data are based on single circuits in free space and were generated using a "Lumped Resistance" model. This model does not account for all of the variables that would be present in an actual application. For actual product performance, contact your regional support representative at the number listed below.



#### GT 150 MALE TERMINALS SEALED

Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
15326268	0.50-0.35	Tin Brass	Tin
15326269	1.00-0.75	Tin Brass	Tin

#### GT 280 MALE TERMINALS SEALED

Part #	Part #	Cable Range (mm <sup>2</sup> )	Material	Plating
Dia. 5.2 (mm)	Dia. 5.8 (mm)			
15304727	15304730	0.50-0.35	Tin Brass	Tin
15304728	15304731	1.00-0.75	Tin Brass	Tin
-	15304732	3.00-1.50	Tin Brass	Tin
15304729	-	2.00-1.50	Tin Brass	Tin

#### GT 150 CAVITY PLUG\*

Part #	Cavity Diameter	Material	Color
15305171	4.0mm	Silicone	Green

\*Cavity plugs seal unused female and male cavities.

#### GT 280 CAVITY PLUG\*

Part #	Cavity Diameter	Material	Color
12059168	5.2mm	Silicone	Dk. Red
15305170	5.8mm	Silicone	White

\*Cavity plugs seal unused female and male cavities.

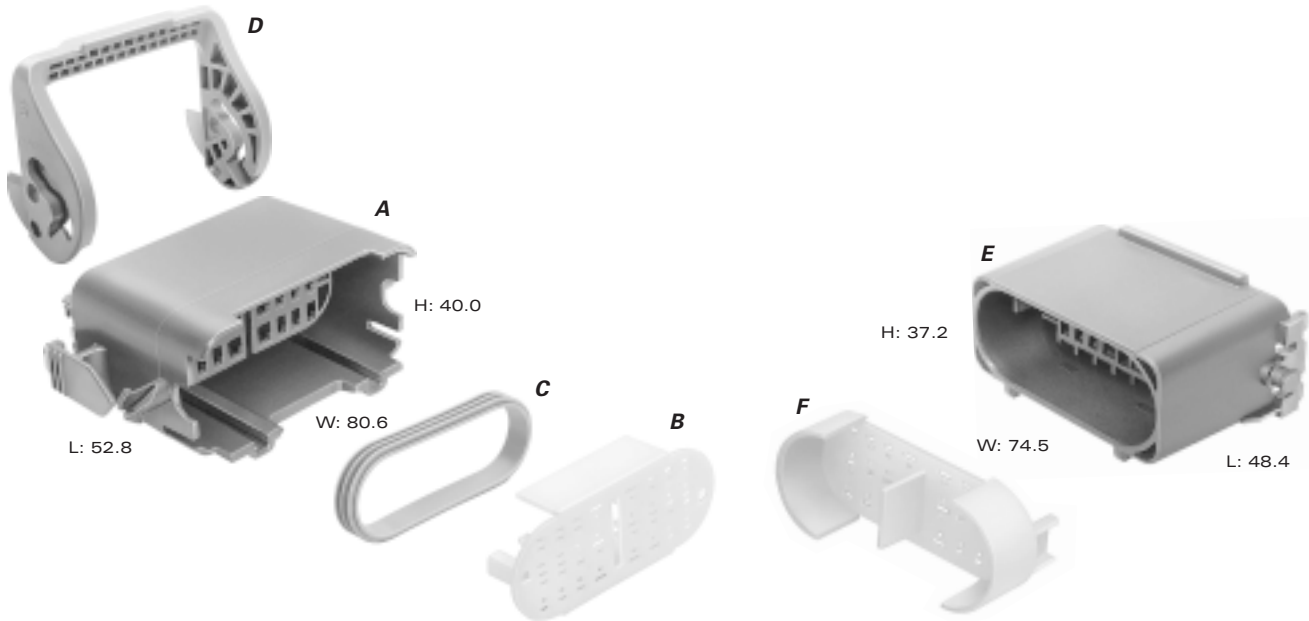
#### GT MALE LEVER LOCK CONNECTORS SEALED

# Cavities	Connector	Color	Material	PLR	TPA	Stabilizer
24	15336173	Black	PA66 HS IM 14% GF	15355131	-	-
38	15317380	Black	PA66 HS IM	-	15304903	15304902

#### SECTION NOTES:

- Contact your regional support representative at the number listed below.
- Due to rigid tolerances of connector cavities, it is critical to meet all crimp dimension as specified.

<http://delphi.com/products/connect>



Total Mated Length: 72.0mm

**A PART NO: 15366099**  
 DESCRIPTION: Connector 24F  
 SIZE: 52.8L x 40.0H x 80.6W  
 COLOR: Black  
 MATERIAL: PA6 10%GF & 20% GB  
 TERMINALS: See Page 46  
 SEALS/PLUGS: See Page 46, 47

**E PART NO: 15336173**  
 DESCRIPTION: Connector 24M  
 SIZE: 48.4L x 37.2H x 74.5W  
 COLOR: Black  
 MATERIAL: PA66 HS IM 14% GF  
 TERMINALS: See Page 47  
 SEALS/PLUGS: See Page 46, 47

**B PART NO: 15373422**  
 DESCRIPTION: PLR  
 COLOR: Natural  
 MATERIAL: PA66 HS IM

**F PART NO: 15373421**  
 DESCRIPTION: PLR  
 COLOR: Md. Gray  
 MATERIAL: PA66 HS IM

**C PART NO: 15336177**  
 DESCRIPTION: Connector Seal  
 COLOR: Green  
 MATERIAL: Silicone

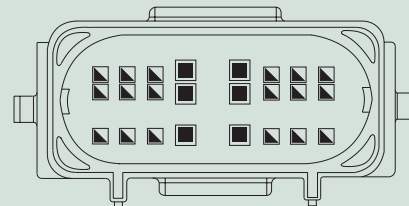
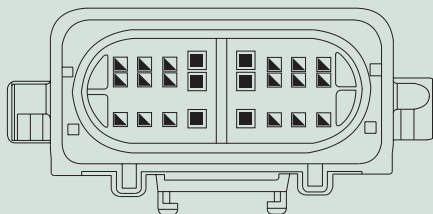
**D PART NO: 15369322**  
 DESCRIPTION: Lever Lock  
 COLOR: Md. Gray  
 MATERIAL: PA66 HS IM

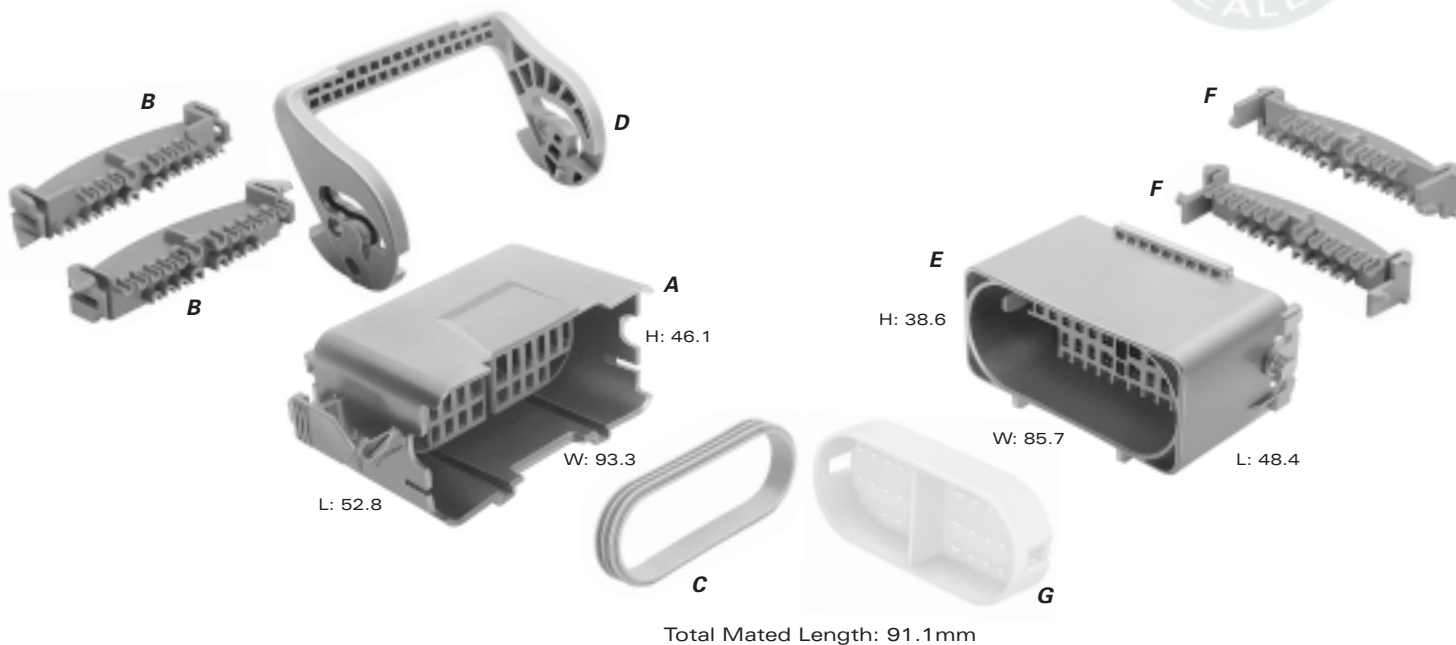
**KEY:**

- ▣ 150 SERIES
- 280 SERIES

Mixed connectors feature a combination of different terminal cavities, as indicated by the key.

**System Note:**  
 For 280 Series sealed cavities use 5.8mm cavity diameter terminals and seals from pages 46 and 47.





**A PART NO: 15336418**  
 DESCRIPTION: Connector 38F  
 SIZE: 52.8L x 46.1H x 93.3W  
 COLOR: Black  
 MATERIAL: PA66 HS IM  
 TERMINALS: See Page 46  
 SEALS/PLUGS: See Page 46, 47

**B PART NO: 15304904**  
 DESCRIPTION: TPA  
 NUMBER REQ.: 2  
 COLOR: Lt. Gray  
 MATERIAL: PBT

**C PART NO: 15304905**  
 DESCRIPTION: Connector Seal  
 COLOR: Green  
 MATERIAL: Silicone

**D PART NO: 15336267**  
 DESCRIPTION: Lever Lock  
 COLOR: Dk. Gray  
 MATERIAL: PA66 HS IM 14% GF

**E PART NO: 15317380**  
 DESCRIPTION: Connector 38M  
 SIZE: 48.4L x 38.6H x 85.7W  
 COLOR: Black  
 MATERIAL: PA66 HS IM  
 TERMINALS: See Page 47  
 SEALS/PLUGS: See Page 46, 47  
 CLIP: 12084149

**F PART NO: 15304903**  
 DESCRIPTION: TPA  
 NUMBER REQ.: 2  
 COLOR: Lt. Gray  
 MATERIAL: PBT

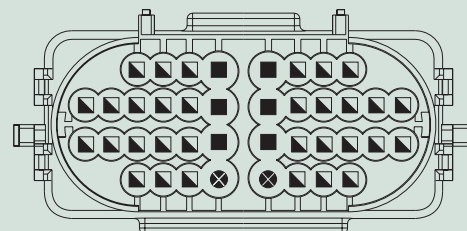
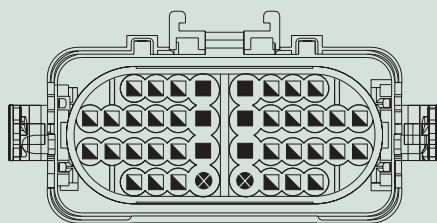
**G PART NO: 15304902**  
 DESCRIPTION: Stabilizer  
 COLOR: Natural  
 MATERIAL: PA66 HS IM

**KEY:**

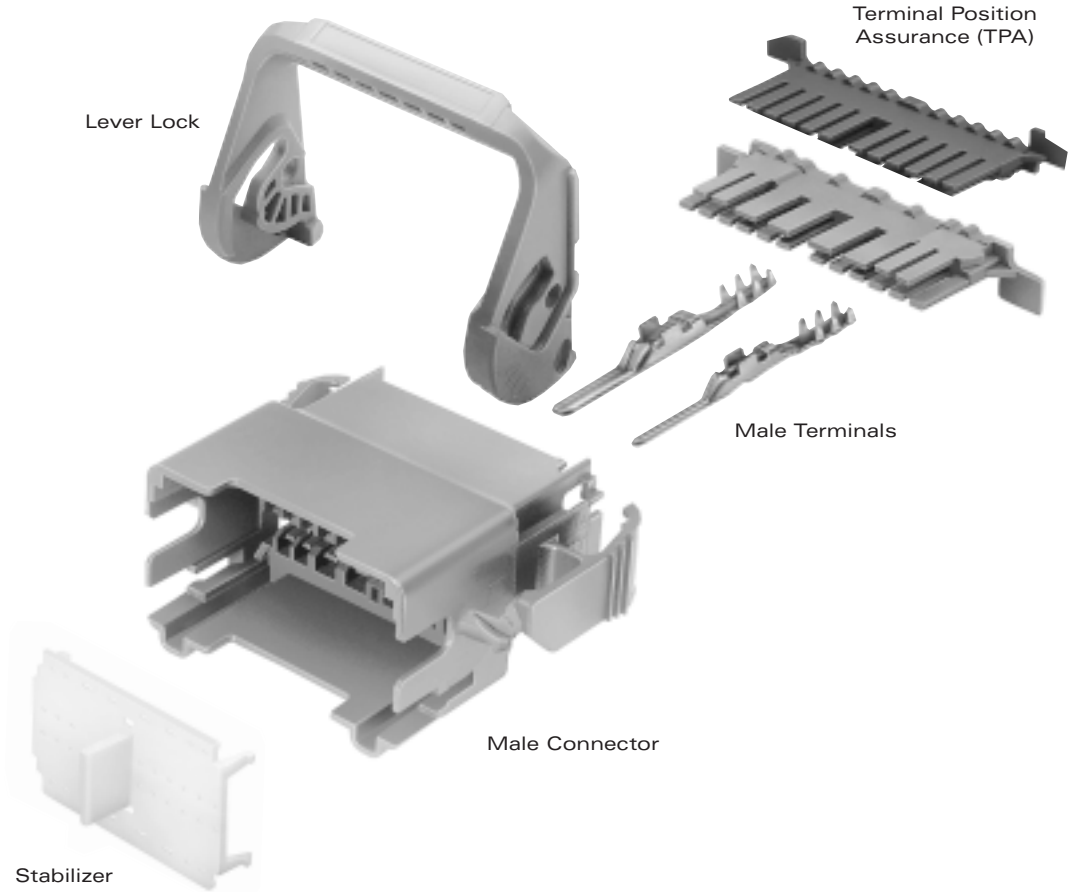
- ▣ 150 SERIES
- 280 SERIES
- ⊗ Blocked Cavity

Mixed connectors feature a combination of different terminal cavities, as indicated by the key.

**System Note:**  
 For 280 Series sealed cavities use 5.2mm cavity diameter terminals and seals from pages 46 and 47.







**GT MALE LEVER LOCK CONNECTORS UNSEALED**

# Cavities	Connector	Color	Material	TPA	Stabilizer	Lever Lock
30	15317735	Brown	PA66 HS IM	15317828	15418984	15326799
40	15317694	Brown	PA66 HS IM	15355380	15326177	15336387

**GT 150 MALE TERMINALS UNSEALED**

Part #	Material	Plating
15317814	Tin Brass	Tin

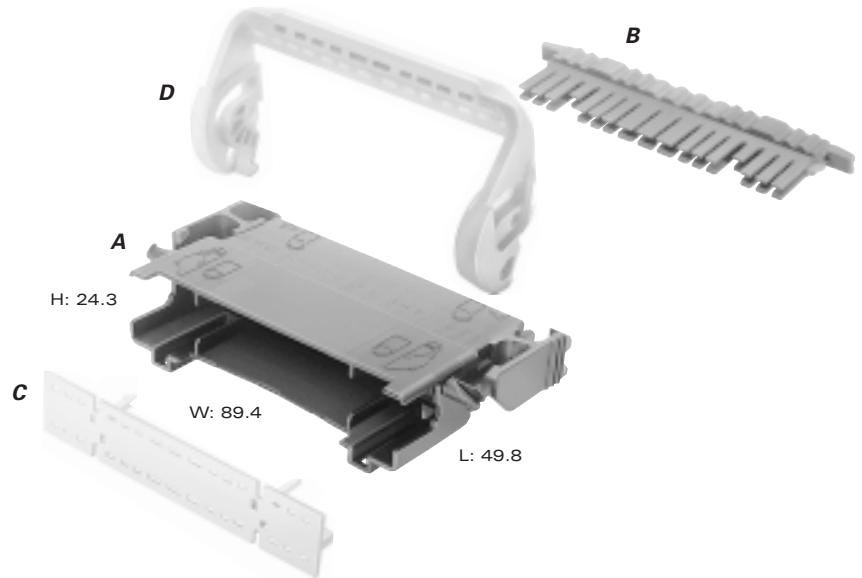
**GT 280 MALE TERMINALS UNSEALED**

Part #	Material	Plating
15317815	Tin Brass	Tin

**SECTION NOTES:**

- Contact your regional support representative at the number listed below.
- Flex Circuit Systems mate to conventional female connection systems.

<http://delphi.com/products/connect>



### SYSTEM NOTES:

- Conventional mating connector  
15305216 (Female) Brown
- 15304913 (TPA) Blue
- Terminals See Page 40.

**A PART NO: 15317735**  
 DESCRIPTION: Connector 30M  
 SIZE: 49.8L x 24.3H x 89.4W  
 COLOR: Brown  
 MATERIAL: PA66 HS IM  
 TERMINALS: See Page 50

**B PART NO: 15317828**  
 DESCRIPTION: TPA  
 COLOR: Green  
 MATERIAL: PBT

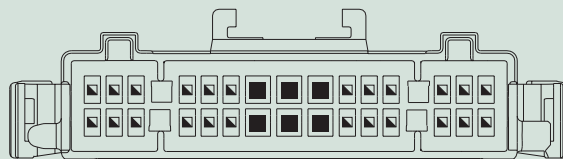
**C PART NO: 15418984**  
 DESCRIPTION: Stabilizer  
 COLOR: Natural  
 MATERIAL: PA66 HS IM

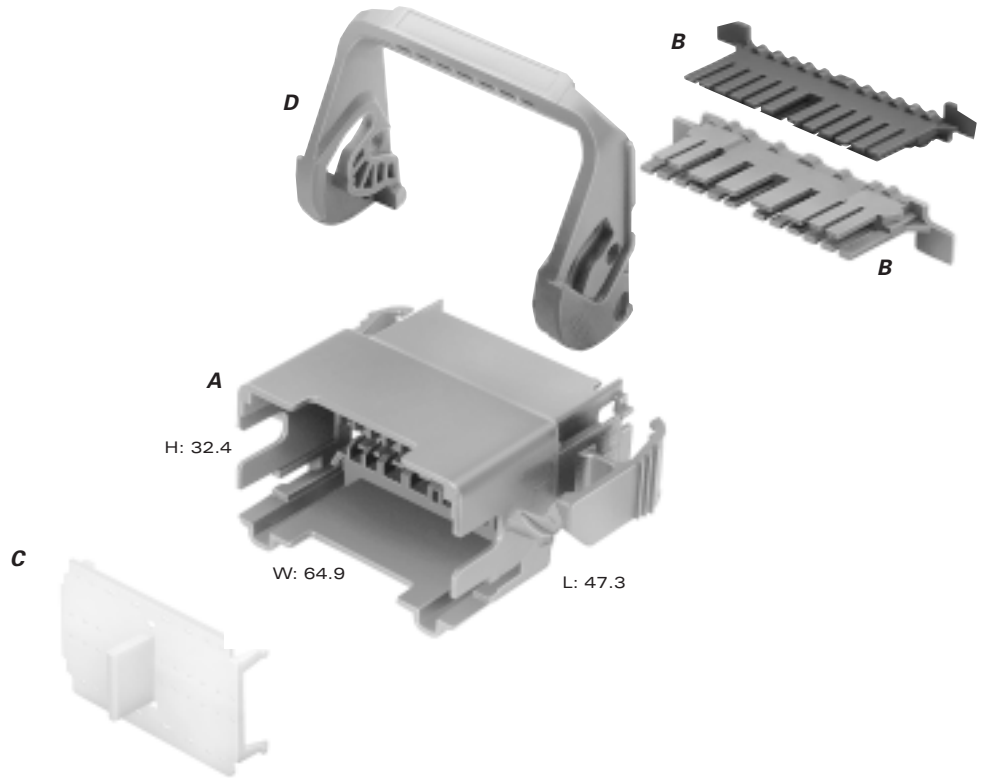
**D PART NO: 15326799**  
 DESCRIPTION: Lever Lock  
 COLOR: Natural  
 MATERIAL: PA66 HS IM 14% GF

### KEY:

- 150 SERIES
- 280 SERIES

Mixed connectors feature a combination of different terminal cavities, as indicated by the key.





**SYSTEM NOTES:**

- Conventional mating connector 15305218 (Female) Brown  
15304342 (TPA) Blue
- Terminals See Page 40.

**A PART NO: 15317694**  
 DESCRIPTION: Connector 40M  
 SIZE: 47.3L x 32.4H x 64.9W  
 COLOR: Brown  
 MATERIAL: PA66 HS IM  
 TERMINALS: See Page 50

**B PART NO: 15355380**  
 DESCRIPTION: TPA  
 NUMBER REQ.: 2  
 COLOR: Green  
 MATERIAL: PBT HM IS

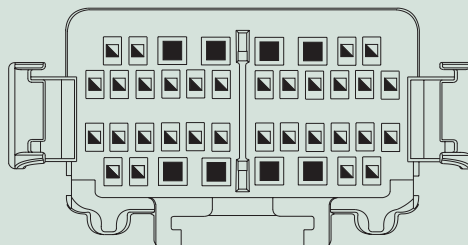
**C PART NO: 15326177**  
 DESCRIPTION: Stabilizer  
 COLOR: Natural  
 MATERIAL: PA66 HS IM

**D PART NO: 15336387**  
 DESCRIPTION: Lever Lock  
 COLOR: Natural  
 MATERIAL: PA66 HS IM 14% GF

**KEY:**

- 150 SERIES
- 280 SERIES

Mixed connectors feature a combination of different terminal cavities, as indicated by the key.



# Part Number Index



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