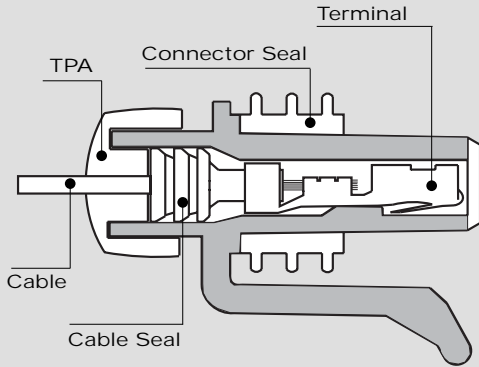




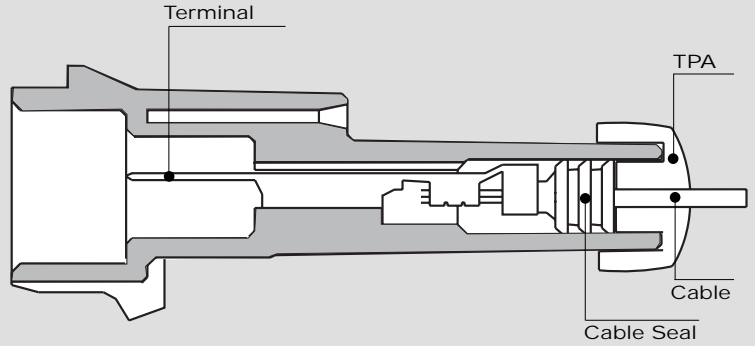
150

Metri-Pack Series

Cross Sectional View



Female Connector Assembly



Male Connector



150 Female Terminals Sealed

Part #	Cable Range (mm ²)	Material	Plating
12048074	1.0-0.80-0.50	Silicon Bronze	Tin
12084200	0.50-0.35	Silicon Bronze	Tin
12160223	1.0-0.80	Beryllium Copper	Silver/Nickel
12160222	0.50-0.35	Beryllium Copper	Silver/Nickel



150.2 Pull-to-Seat Female Terminals *

Part #	Cable Range (mm ²)	Material	Plating
12124075	1.0-0.80	Silicon Bronze	Tin
12124076	0.50-0.35	Silicon Bronze	Tin
12161184	1.0-0.80	Beryllium Copper	Tin

*To be used with female connections, see page 2.22



150 Metri-Pack Cable Seals

Reel Part #	Loose Part #	Cable Dia.	Material	Color
12052924	15324973	2.85-2.03	Silicone	Dk. Red
12089442	15324976	2.15-1.60	Silicone	White
12052925	15324974	1.70-1.29	Silicone	Blue
12124669	15324975	1.009-0.995	Silicone	Tan



TPA
(Terminal Position Assurance)

Cable Seal Female Terminal



Female Connector Assembly

150 Female Connector Assemblies Sealed

# Cavities	Conn. Asm.	Color	Material	TPA
2	12052641	Black	PA66 HS IM	12052634
3	12110293	Black	PA66 HS IM	12052845
4	12162144	Black	PA66 HS IM	12047948
5	12146045	Cream	PA66 HS IM	12092844
6	12052848	Black	PA66 HS IM	12052850
8	12047937	Black	PA66 HS IM	12066304
10	12065425	Black	PA66 HS IM	12177082

NOTE: Specifications in this catalog are for general reference only and are subject to change without notice. To verify product information, please contact a Delphi representative.

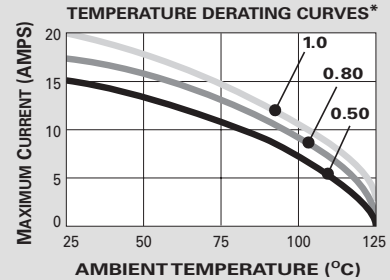
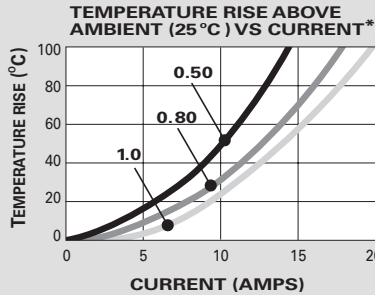


150

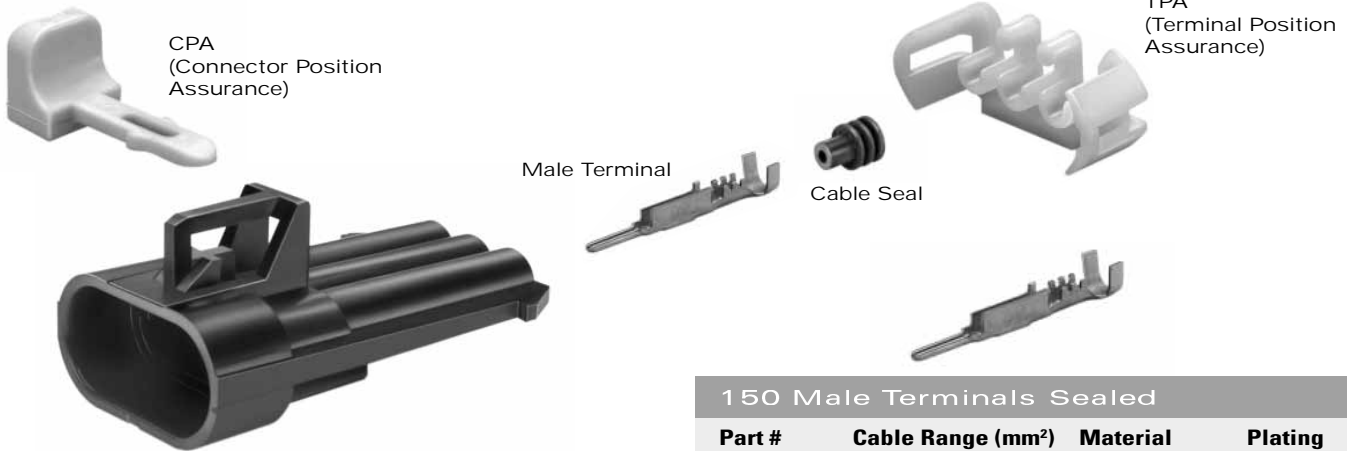
Sealed System Application Information

CABLE RANGE (mm²): 0.35-1.0
 CURRENT RANGE (AMPS): 0-14
 TEMP RANGE °C: -40 to 125
 RESISTANCE: <10mΩ@20mV
 VOLTAGE DROP: <10.0 mV/amp
 CENTERLINE SPACING (mm): 6.0
 BLADE WIDTH (mm): 1.5

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.



Male Connector

150 Male Terminals Sealed			
Part #	Cable Range (mm ²)	Material	Plating
12045773	0.80-0.50	Tin Brass	Tin
12077628	0.50-0.35	Tin Brass	Tin



150 Male Connectors Sealed				
# Cavities	Connector	Color	Material	TPA
2	12162000	Black	PA66 HS IM	12052634
3	12129615	Black	PA66 HS IM	12052845
4	12162102	Black	PBT 30% GF	12047948
5	12103974	Natural	PBT 30% GF	12092844
6	12124107	Black	PA66 HS IM	12052850
8	12047931	Black	PBT 30% GF	15324525
10	12045808	Black	PBT 30% GF	12177082

150 Metri-Pack Cavity Plug *			
Part #	Cavity Inside Diameter	Material	Color
12059168	5.2mm	Silicone	Dk. Red

*Cavity plugs seal unused female and male cavities

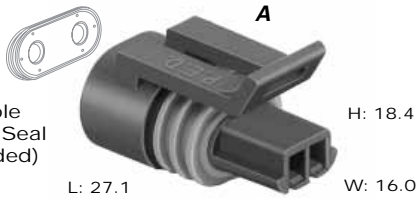
SECTION NOTES:

- Due to rigid tolerances of connector cavities, it is critical to meet all crimp dimensions as specified.
- Different color and connector indexing features are also available.
- Female connections for device applications, see page 2.21.

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150.2 Pull-to-Seat



A. Part No: 12162193 (Black/Green Seal)

2.66 -2.00 Cable O.D.

Part No: 12162197 (Md. Gray/Green Seal)

2.66 -2.00 Cable O.D.

Part No: 12162198 (Md. Gray/Tan Seal)

2.15 -1.65 Cable O.D.

Part No: 12162199 (Md. Gray/Orange Seal)

1.85 -1.47 Cable O.D.

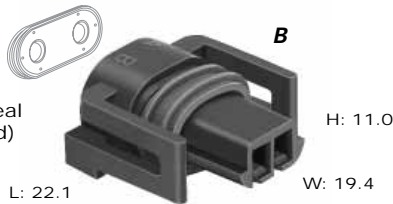
Description: Connector Assembly 2F

Size: 27.1L x 18.4H x 16.0W

Material: PA66 HS IM

Terminals: See Page 2.12

Typical App: Temperature Sensors



B. Part No: 12162215 (Black/Brown Seal)

2.66 -2.00 Cable O.D.

Part No: 12162216 (Black/Lt. Gray Seal)

2.66 -2.00 Cable O.D.

Part No: 12162217 (Black/Gray Seal)

2.15 -1.65 Cable O.D.

Part No: 12162218 (Black/Yellow Seal)

2.15 -1.65 Cable O.D.

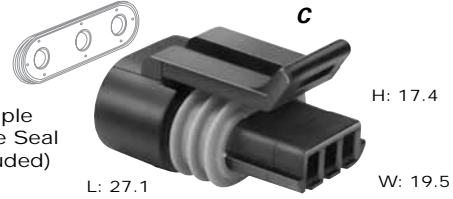
Description: Connector Assembly 2F

Size: 22.1L x 11.0H x 19.4W

Material: PA66 HS IM

Terminals: See Page 2.12

Typical App: Throttle Body Injector



C. Part No: 12162182 (Black/Green Seal)

2.66 -2.00 Cable O.D.

Part No: 12162280 (Md. Gray/Green Seal)

2.66 -2.00 Cable O.D.

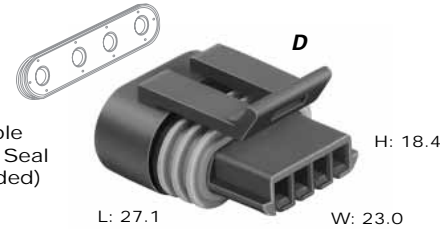
Description: Connector Assembly 3F

Size: 27.1L x 17.4H x 19.5W

Material: PA66 HS IM

Terminals: See Page 2.12

Typical App: Crankshaft Sensor



D. Part No: 12162188 (Black/Green Seal)

2.66 -2.00 Cable O.D.

Part No: 12162191 (Black/Blue Seal)

2.66 -2.00 Cable O.D.

Description: Connector Assembly 4F

Size: 27.1L x 18.4H x 23.0W

Material: PA66 HS IM

Terminals: See Page 2.12

Typical App: Distributor Module

E. Part No: 12162210 (Black/Green Seal)

2.66 -2.00 Cable O.D.

Part No: 12162260 (Black/Tan Seal)

2.15 -1.65 Cable O.D.

Part No: 12162261 (Black/Lt. Gray Seal)

1.85 -1.47 Cable O.D.

Description: Connector Assembly 6F

Size: 27.1L x 17.7H x 30.0W

Material: PA66 HS IM

Terminals: See Page 2.12

Typical App: Various

NOTE: GT series equivalents available for several Metri-Pack 150 Pull-to-Seat connector assemblies. Please refer to cross reference table on page 1.11 in the GT section.

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