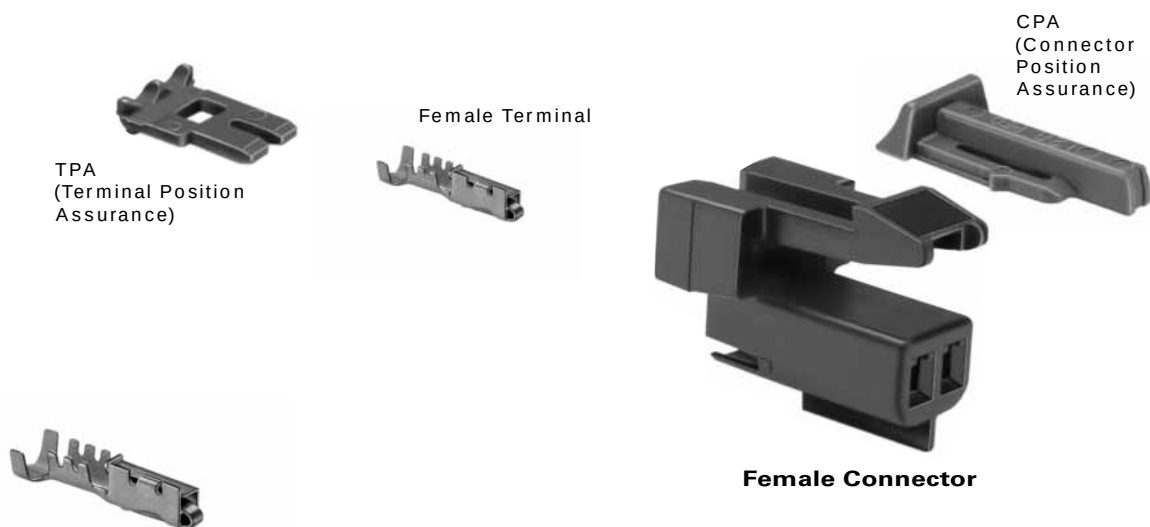
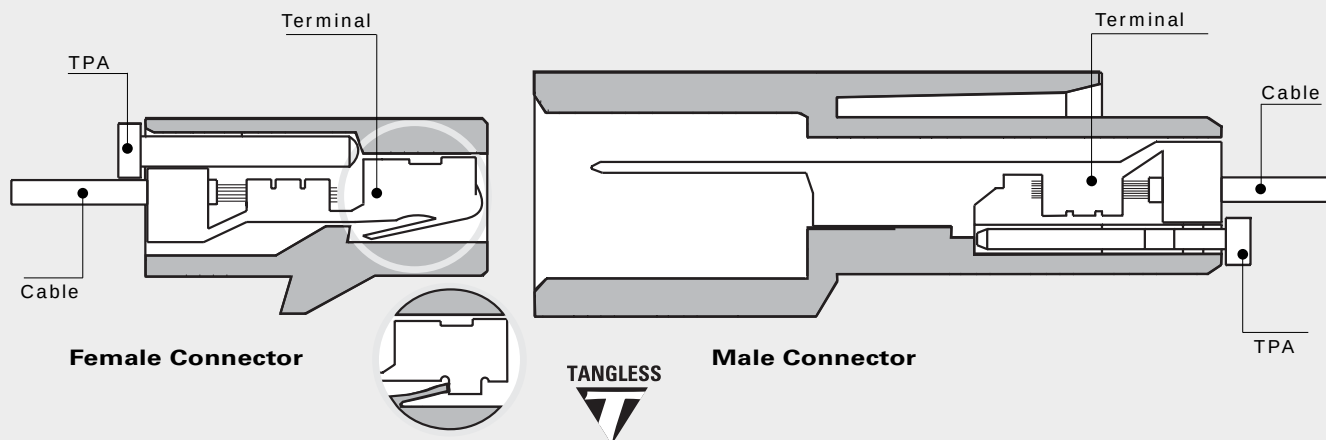




150

Cross Sectional View



150 Female Terminals Unsealed

Part #	Cable Range (mm ²)	Material	Plating
12047767	1.0-0.80	Silicon Bronze	Tin
12064971	0.50-0.35	Silicon Bronze	Tin



150 Tangless Female Terminals Unsealed

Part #	Cable Range (mm ²)	Material	Plating
12129484	1.0-0.80	Silicon Bronze	Tin
12129373	0.5-0.35	Silicon Bronze	Tin

150 Female Connectors Unsealed

# Cavities	Connector	Color	Material	TPA
1	12047682	Black	PA66 HS IM	—
2	12047662	Black	PA66 HS IM	15324070
2	12052832	Black	PA66 HS IM	15324070
3	12047781	Black	PA66 HS IM	12047783
3	12064758	Black	PA66 HS IM	12047783
4	12047785	Black	PA66 HS IM	15324070
4	12064760	Black	PA66 HS IM	15324070
4	12092162	Black	PA66 HS IM	12092164
6	12064762	Lt. Gray	PA66 HS IM	12064764
8	12047886	Black	PA66 HS IM	12045689
8	12064766	Blue	PBT	12064768
10	12064769	Cream	PA66 HS IM	12064771

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

Unsealed System Application Information

150 Series Terminals – Tin Plated

CABLE RANGE (mm²): 0.35-1.0

CURRENT RANGE (AMPS): 0-14

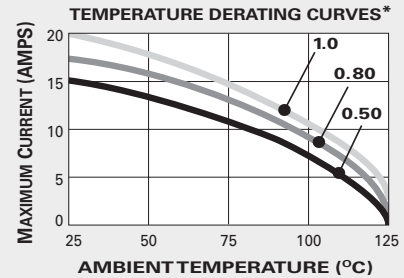
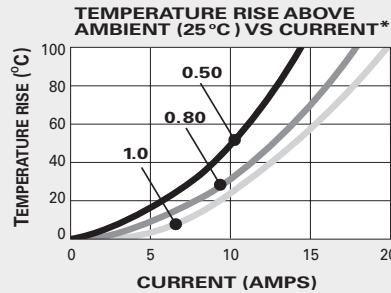
TEMP RANGE °C: -40 to 125

RESISTANCE: <10mΩ@20mV

VOLTAGE DROP: <10.0 mV/amp

CENTERLINE SPACING (mm): 3.5

BLADE WIDTH (mm): 1.5



*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

Male Terminal

TPA
(Terminal Position Assurance)

150 Male Connectors Unsealed

# Cavities	Connector	Color	Material	TPA
1	12047683	Black	PA66 HS IM	—
2	12047663	Black	PA66 HS IM	12047665
2	12052833	Black	PA66 HS IM	12047665
3	12047782	Black	PA66 HS IM	12047784
3	12064759	Black	PBT	12047784
4	12047786	Black	PA66 HS IM	12047787
4	12064761	Black	PBT	12047787
4	12092163	Black	PA66 HS IM	12092164
6	12064763	Gray	PBT	12064765
8	12045688	Black	PA66 HS IM	12045690
8	12064767	Blue	PBT	12045690
10	12064770	Cream	PA66 HS IM	12064772

150 Male Terminals Unsealed

Part #	Cable Range (mm ²)	Material	Plating
12047581	0.80-0.50	Tin Brass	Tin
12059894	0.50-0.35	Tin Brass	Tin

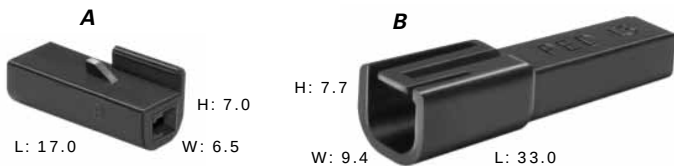
SECTION NOTES:

- Due to rigid tolerances of connector cavities, it is critical to meet all crimp dimensions as specified.
- Female connections for device applications, see page 2.20.

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



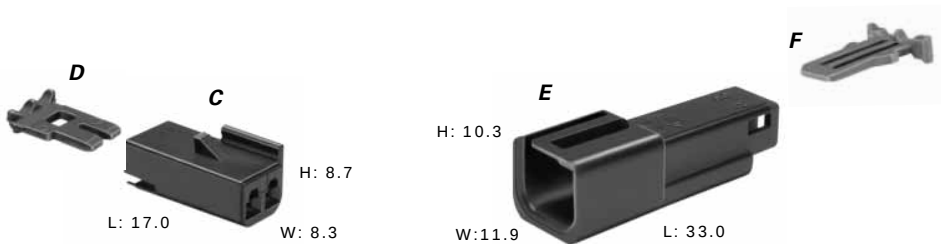
Total Mated Length: 38.1mm

A. Part No: 12047682

Description:	Connector 1F
Size:	17.0L x 7.0H x 6.5W
Color:	Black
Material:	PA66 HS IM
Terminals:	See Page 2.2

B. Part No: 12047683

Description:	Connector 1M
Size:	33.0L x 7.7H x 9.4W
Color:	Black
Material:	PA66 HS IM
Terminals:	See Page 2.3



Total Mated Length: 41.0mm

**C. Part No: 12047662 (Black)
12059249 (Cream)**

Description:	Connector 2F
Size:	17.0L x 8.7H x 8.3W
Material:	PA66 HS IM
Terminals:	See Page 2.2

D. Part No: 15324070

Description:	TPA
Color:	Lt. Gray
Material:	PA66 HS IM

**E. Part No: 12047663 (Black)
12059250 (Cream)**

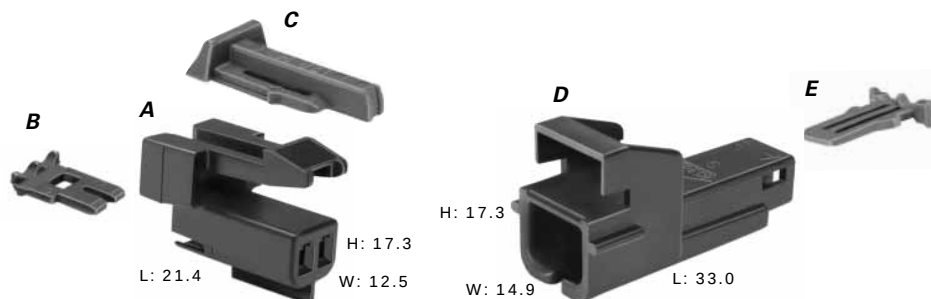
Description:	Connector 2M (Clip Slot)
Size:	33.0L x 10.3H x 11.9W
Material:	PA66 HS IM
Terminals:	See Page 2.3

F. Part No: 12047665

Description:	TPA
Color:	Md. Gray
Material:	PA66 HS IM

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



Total Mated Length: 43.1mm

A. Part No: 12052832

Description:	Connector 2F
Size:	21.4L x 17.3H x 12.5W
Color:	Black
Material:	PA66 HS IM
Terminals:	See Page 2.2

B. Part No: 15324070

Description:	TPA
Color:	Lt. Gray
Material:	PA66 HS IM

C. Part No: 12052834

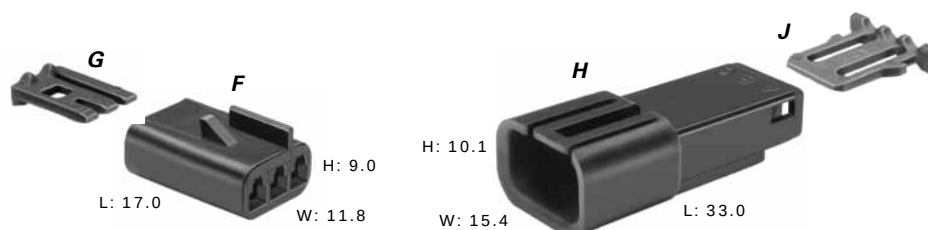
Description:	CPA
Color:	Green
Material:	PP

D. Part No: 12052833

Description:	Connector 2M (Clip Slot)
Size:	33.0L x 17.3H x 14.9W
Color:	Black
Material:	PA66 HS IM
Terminals:	See Page 2.3

E. Part No: 12047665

Description:	TPA
Color:	Md. Gray
Material:	PA66 HS IM



Total Mated Length: 41.3mm

**F. Part No: 12065422 (Cream)
12047781 (Black)**

Description:	Connector 3F
Size:	17.0L x 9.0H x 11.8W
Material:	PA66 HS IM
Terminals:	See Page 2.2

G. Part No: 12047783

Description:	TPA
Color:	Md. Gray
Material:	PA66 HS IM

**H. Part No: 12065423 (Cream)
12047782 (Black)**

Description:	Connector 3M (Clip Slot)
Size:	33.0L x 10.1H x 15.4W
Material:	PA66 HS IM
Terminals:	See Page 2.3

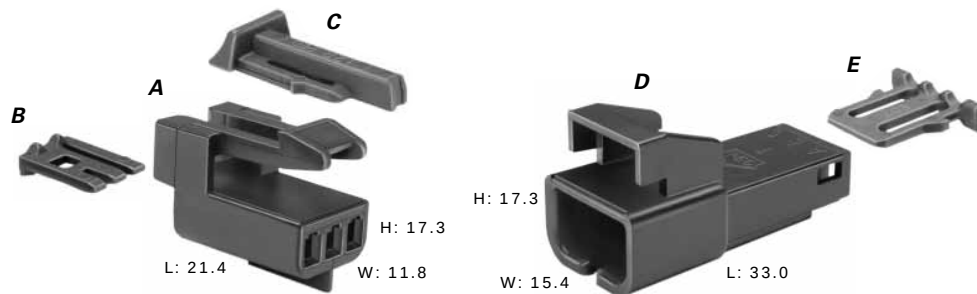
J. Part No: 12047784

Description:	TPA
Color:	Gray
Material:	PBT

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



Total Mated Length: 47.1mm

A. Part No: 12064758

Description:	Connector 3F
Size:	21.4L x 17.3H x 11.8W
Color:	Black
Material:	PA66 HS IM
Terminals:	See Page 2.2

B. Part No: 12047783

Description:	TPA
Color:	Md. Gray
Material:	PA66 HS IM

C. Part No: 12052834

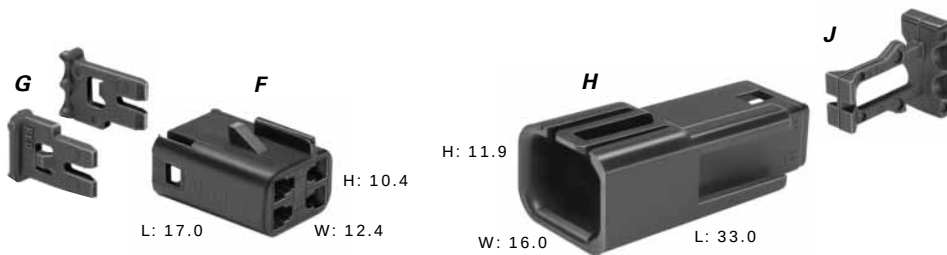
Description:	CPA
Color:	Green
Material:	PP

D. Part No: 12064759

Description:	Connector 3M (Clip Slot)
Size:	33.0L x 17.3H x 15.4W
Color:	Black
Material:	PBT
Terminals:	See Page 2.3

E. Part No: 12047784

Description:	TPA
Color:	Gray
Material:	PBT



Total Mated Length: 42.2mm

F. Part No: 12089248 (Cream) 12047785 (Black)

Description:	Connector 4F
Size:	17.0L x 10.4H x 12.4W
Material:	PA66 HS IM
Terminals:	See Page 2.2

G. Part No: 15324070

Description:	TPA
Number Req:	2
Color:	Lt. Gray
Material:	PA66 HS IM

H. Part No: 12089247 (Cream) 12047786 (Black)

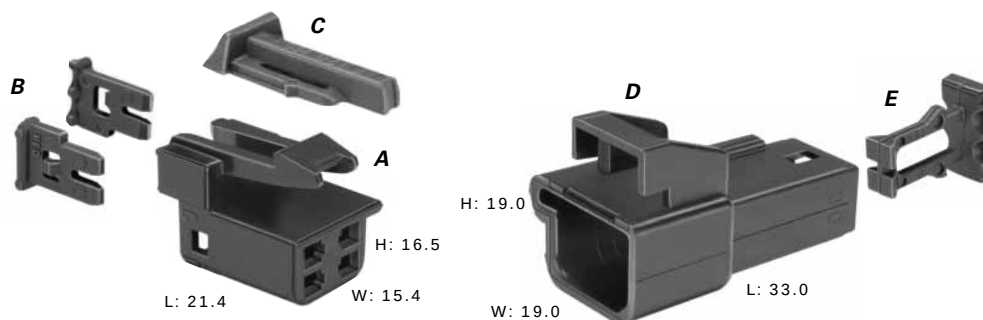
Description:	Connector 4M (Clip Slot)
Size:	33.0L x 11.9H x 16.0W
Material:	PA66 HS IM
Terminals:	See Page 2.3

J. Part no: 12047787

Description:	TPA
Color:	Blue
Material:	PBT

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



Total Mated Length: 47.9mm

A. Part No: 12064760

Description: Connector 4F
 Size: 21.4L x 16.5H x 15.4W
 Color: Black
 Material: PA66 HS IM
 Terminals: See Page 2.2

B. Part No: 15324070

Description: TPA
 Number Req: 2
 Color: Lt. Gray
 Material: PA66 HS IM

C. Part No: 12052834

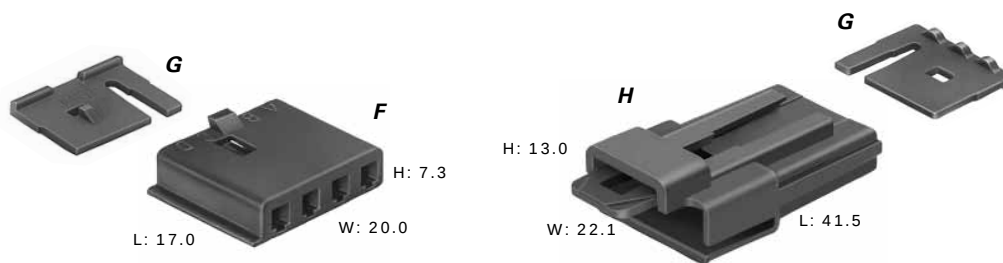
Description: CPA
 Color: Green
 Material: PP

D. Part No: 12064761

Description: Connector 4M (Clip Slot)
 Size: 33.0L x 19.0H x 19.0W
 Color: Black
 Material: PBT
 Terminals: See Page 2.3

E. Part No: 12047787

Description: TPA
 Color: Blue
 Material: PBT



Total Mated Length: 43.3mm

F. Part No: 12092162

Description: Connector 4F
 Size: 17.0L x 7.3H x 20.0W
 Color: Black
 Material: PA66 HS IM
 Terminals: See Page 2.2

G. Part No: 12092164

Description: TPA
 Number Req: 2
 Color: Blue
 Material: PA66 HS IM

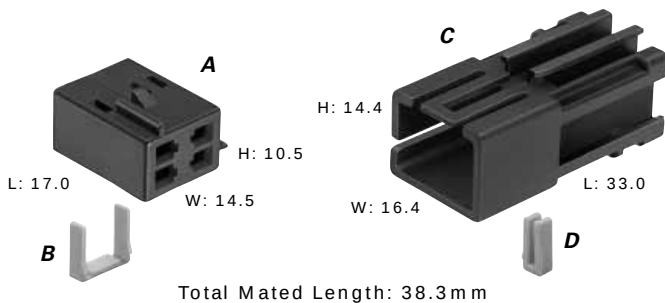
H. Part No: 12092163

Description: Connector 4M (Clip Slot)
 Size: 41.5L x 13.0H x 22.1W
 Color: Black
 Material: PA66 HS IM
 Terminals: See Page 2.3

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



A. Part No: 12131283

Description:	Connector 4F
Size:	17.0L x 10.5H x 14.5W
Color:	Black
Material:	PA6
Terminals:	See Page 2.2

B. Part No: 12131361

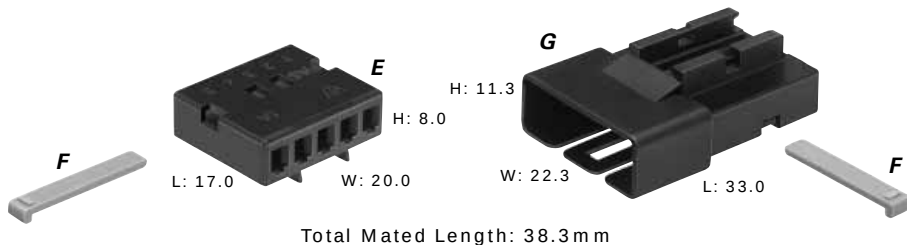
Description:	Secondary Lock
Color:	Yellow
Material:	PA66 25% GF

C. Part No: 12131285

Description:	Connector 4M (Clip Slot)
Size:	33.0L x 14.4H x 16.4W
Color:	Black
Material:	PA66
Terminals:	See Page 2.3

D. Part No: 12131372

Description:	Secondary Lock
Color:	Yellow
Material:	PA66 25% GF
Note:	M Clip-on Connector also available



E. Part No: 12147054

Description:	Connector 5F
Size:	17.0L x 8.0H x 20.0W
Color:	Black
Material:	PA6
Terminals:	See Page 2.2

F. Part No: 12147055

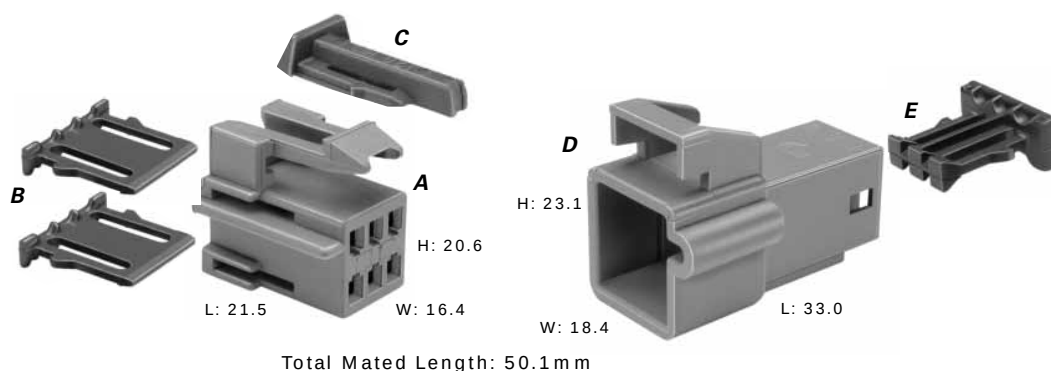
Description:	Secondary Lock
Number Req:	2
Color:	Yellow
Material:	PA66 25% GF

G. Part No: 12185636

Description:	Connector 5M (Clip Slot)
Size:	33.0L x 11.3H x 22.3W
Color:	Black
Material:	PA66
Terminals:	See Page 2.3
Note:	Clip Version available

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

**A. Part No: 12064762**

Description:	Connector 6F
Size:	21.5L x 20.6H x 16.4W
Color:	Lt. Gray
Material:	PA66 HS IM
Terminals:	See Page 2.2

B. Part No: 12064764

Description:	TPA
Number Req:	2
Color:	Blue
Material:	PBT

C. Part No: 12052834

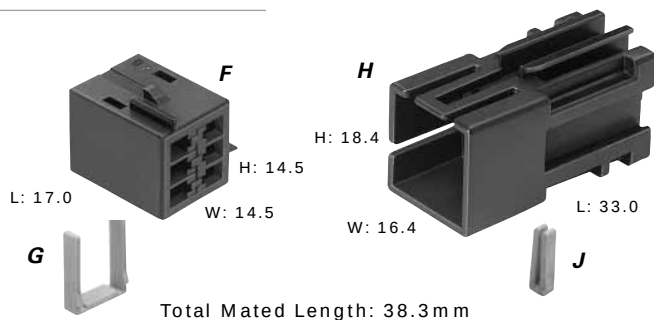
Description:	CPA
Color:	Green
Material:	PP

D. Part No: 12064763

Description:	Connector 6M (Clip Slot)
Size:	33.0L x 23.1H x 18.4W
Color:	Gray
Material:	PBT
Terminals:	See Page 2.3

E. Part No: 12064765

Description:	TPA
Color:	Black
Material:	PBT

**F. Part No: 15396848**

Description:	Connector 6F
Size:	17.0L x 14.5H x 14.5W
Color:	Black
Material:	PA6
Terminals:	See Page 2.2

G. Part No: 12131358

Description:	Secondary Lock
Color:	Yellow
Material:	PA66 25% GF

H. Part No: 15396849

Description:	Connector 6M
Size:	33.0L x 18.4H x 16.4W
Color:	Black
Material:	PA66
Terminals:	See Page 2.3

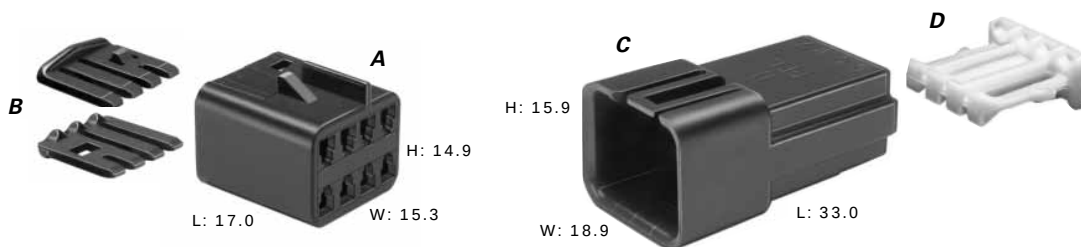
J. Part No: 12131370

Description:	Secondary Lock
Color:	Yellow
Material:	PA66 25% GF

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



Total Mated Length: 41.2 mm

A. Part No: 12047886

Description:	Connector 8F
Size:	17.0L x 14.9H x 15.3W
Color:	Black
Material:	PA66 HS IM
Terminals:	See Page 2.2

B. Part No: 12045689

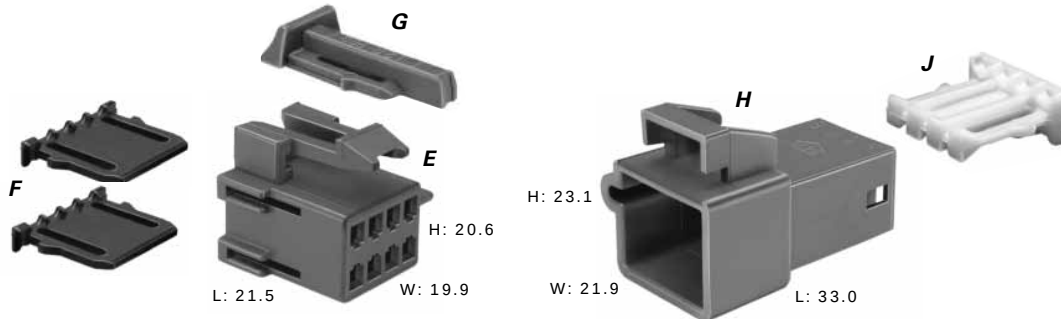
Description:	TPA
Number Req:	2
Color:	Md. Gray
Material:	PA66 HS IM

C. Part No: 12045688

Description:	Connector 8M (Clip Slot)
Size:	33.0L x 15.9H x 18.9W
Color:	Black
Material:	PA66 HS IM
Terminals:	See Page 2.3

D. Part No: 12045690

Description:	TPA
Color:	Natural
Material:	PBT



Total Mated Length: 48.3 mm

E. Part No: 12064766

Description:	Connector 8F
Size:	21.5L x 20.6H x 19.9W
Color:	Blue
Material:	PBT
Terminals:	See Page 2.2

F. Part No: 12064768

Description:	TPA
Number Req:	2
Color:	Black
Material:	PBT

G. Part No: 12052834

Description:	CPA
Color:	Green
Material:	PP

H. Part No: 12064767

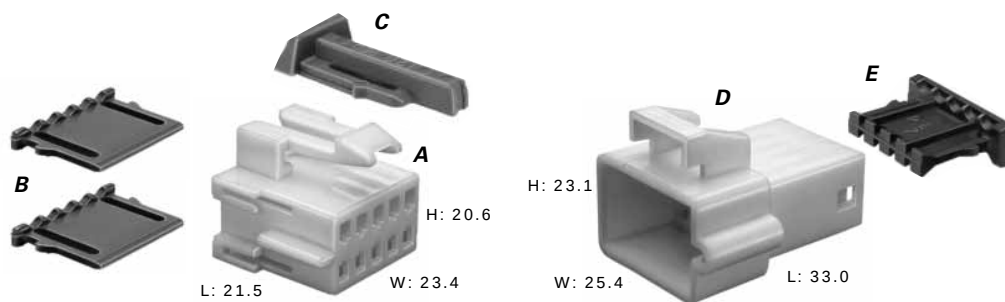
Description:	Connector 8M (Clip Slot)
Size:	33.0L x 23.1H x 21.9W
Color:	Blue
Material:	PBT
Terminals:	See Page 2.3

J. Part No: 12045690

Description:	TPA
Color:	Natural
Material:	PBT

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



Total Mated Length: 48.3 mm

A. Part No: 12064769

Description:	Connector 10F
Size:	21.5L x 20.6H x 23.4W
Color:	Cream
Material:	PA66 HS IM
Terminals:	See Page 2.2

B. Part No: 12064771

Description:	TPA
Number Req:	2
Color:	Md. Gray
Material:	PA66 HS IM

C. Part No: 12052834

Description:	CPA
Color:	Green
Material:	PP

D. Part No: 12064770

Description:	Connector 10M (Clip Slot)
Size:	33.0L x 23.1H x 25.4W
Color:	Cream
Material:	PA66 HS IM
Terminals:	See Page 2.3

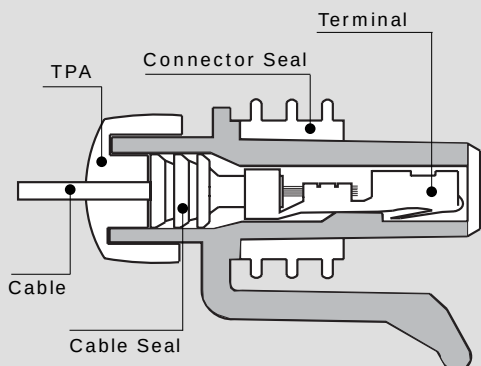
E. Part No: 12064772

Description:	TPA
Color:	Black
Material:	PBT

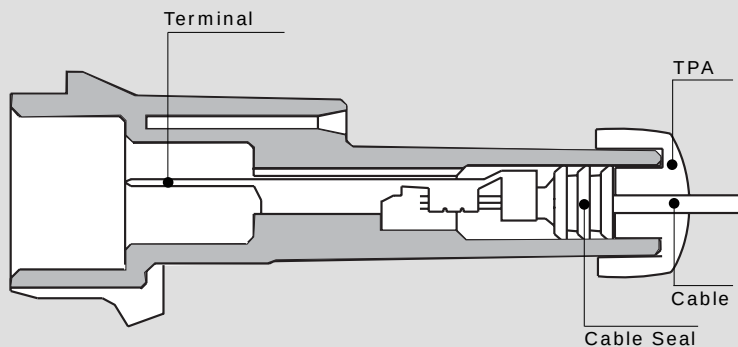


150

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
Assembly150 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

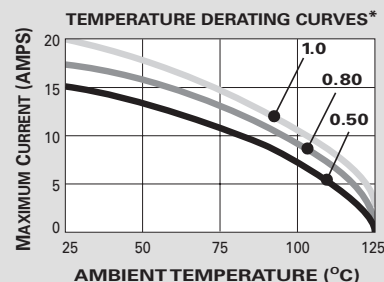
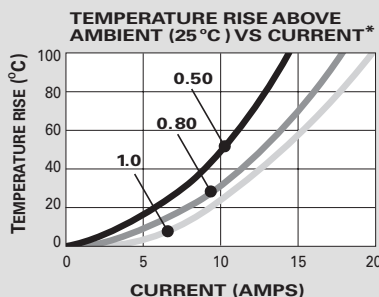
RESISTANCE: <10mΩ@20mV

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.



CPA
(Connector Position Assurance)

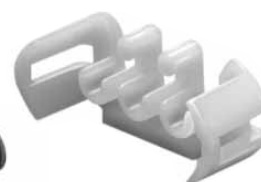


Male Connector

Male Terminal



Cable Seal



TPA
(Terminal Position Assurance)



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

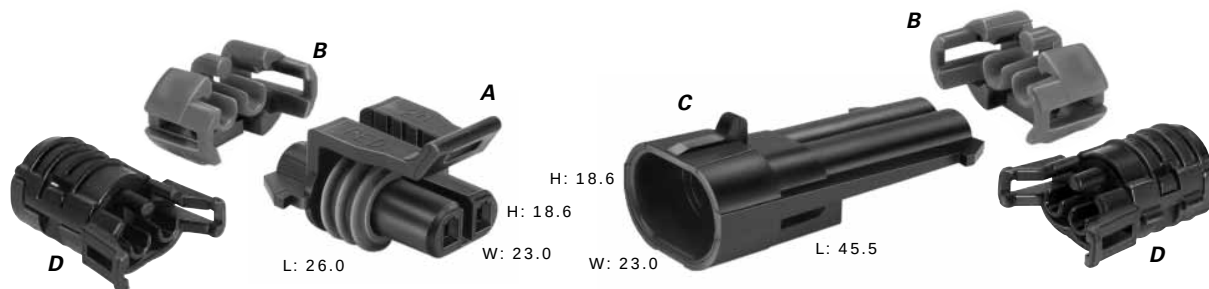
SECTION NOTES:

- 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.

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



Total Mated Length: 58.5 mm

**A. Part No: 12052641 (Black)
12052644 (Lt. Gray)**

Description:	Connector Assembly 2F
Size:	26.0L x 18.6H x 23.0W
Material:	PA66 HS IM
Terminals:	See Page 2.12
Seals/Plugs:	See Page 2.12, 2.13

B. Part No: 12052634

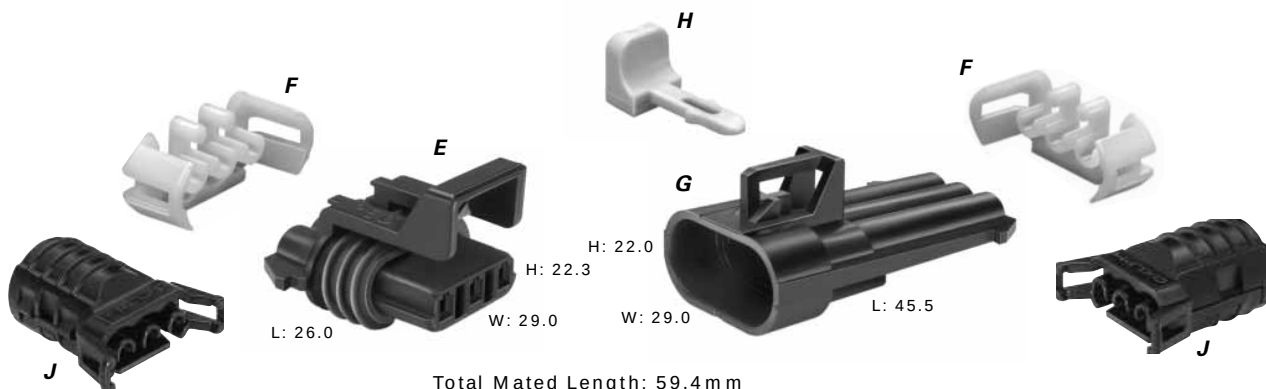
Description:	TPA
Number Req:	2
Color:	Blue
Material:	PA66 HS IM

**C. Part No: 12162000 (Black)
12162343 (Lt. Gray)**

Description:	Connector 2M (Clip Slot-Self Locking)
Size:	45.5L x 18.6H x 23.0W
Material:	PA66 HS IM
Terminals:	See Page 2.13
Seals/Plugs:	See Page 2.12, 2.13

D. Part No: 15327799 (Optional)

Description:	Conduit TPA
Number Req:	2
Color:	Black
Material:	PA6



Total Mated Length: 59.4 mm

E. Part No: 12110293

Description:	Connector Assembly 3F
Size:	26.0L x 22.3H x 29.0W
Color:	Black
Material:	PA66 HS IM
Terminals:	See Page 2.12
Seals/Plugs:	See Page 2.12, 2.13

F. Part No: 12052845

Description:	TPA
Number Req:	2
Color:	Natural
Material:	PA66 HS IM

G. Part No: 12129615

Description:	Connector 3M (Clip Slot-Self Locking)
Size:	45.5L x 22.0H x 29.0W
Color:	Black
Material:	PA66 HS IM
Terminals:	See Page 2.13
Seals/Plugs:	See Page 2.12, 2.13

H. Part No: 12020833

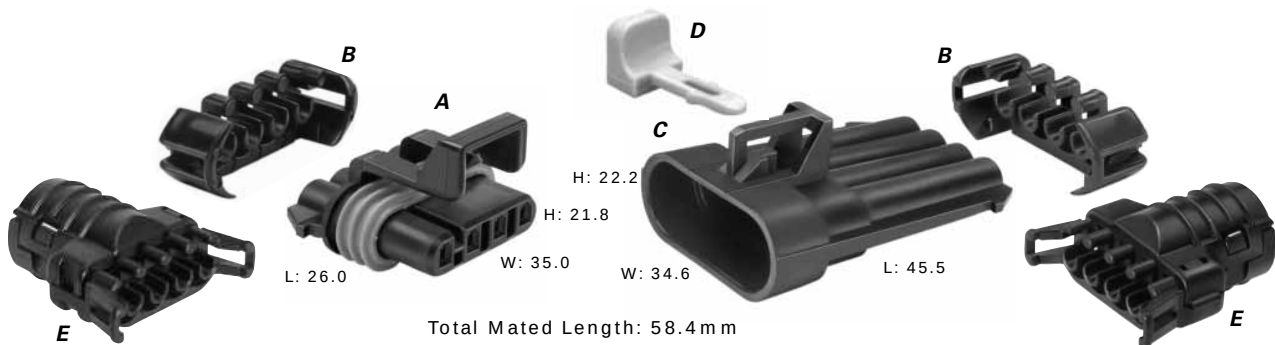
Description:	CPA
Color:	Gray
Material:	PBT

**J. Part No: 10740397
(Optional)**

Description:	Conduit TPA
Number Req:	2
Color:	Black
Material:	PA6

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.

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Total Mated Length: 58.4mm

A. Part No: 12162144

Description:	Connector Assembly 4F
Size:	26.0L x 21.8H x 35.0W
Color:	Black
Material:	PA66 HS IM
Terminals:	See Page 2.12
Seals/Plugs:	See Page 2.12, 2.13

B. Part No: 12047948

Description:	TPA
Number Req:	2
Color:	Black
Material:	PA66 HS IM

C. Part No: 12162102

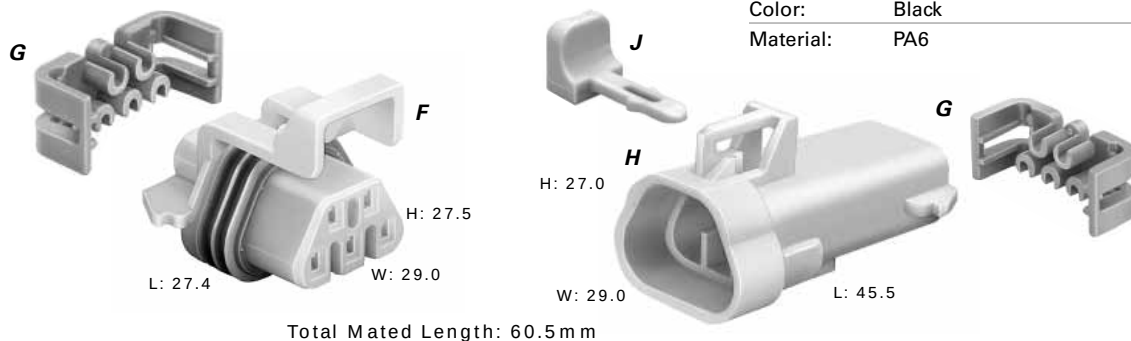
Description:	Connector 4M (Clip Slot-Self Locking)
Size:	45.5L x 22.2H x 34.6W
Color:	Black
Material:	PBT 30% GF
Terminals:	See Page 2.13
Seals/Plugs:	See Page 2.12, 2.13

D. Part No: 12020833

Description:	CPA
Color:	Gray
Material:	PBT

E. Part No: 10719337 (Optional)

Description:	Conduit TPA
Number Req:	2
Color:	Black
Material:	PA6



Total Mated Length: 60.5mm

F. Part No: 12146045

Description:	Connector Assembly 5F
Size:	27.4L x 27.5H x 29.0W
Color:	Cream
Material:	PA66 HS IM
Terminals:	See Page 2.12
Seals/Plugs:	See Page 2.12, 2.13

G. Part No: 12092844

Description:	TPA
Number Req:	2
Color:	Blue
Material:	PA66 HS IM

H. Part No: 12103974

Description:	Connector 5M
Size:	45.5L x 27.0H x 29.0W
Color:	Natural
Material:	PBT 30% GF
Terminals:	See Page 2.13
Seals/Plugs:	See Page 2.12, 2.13

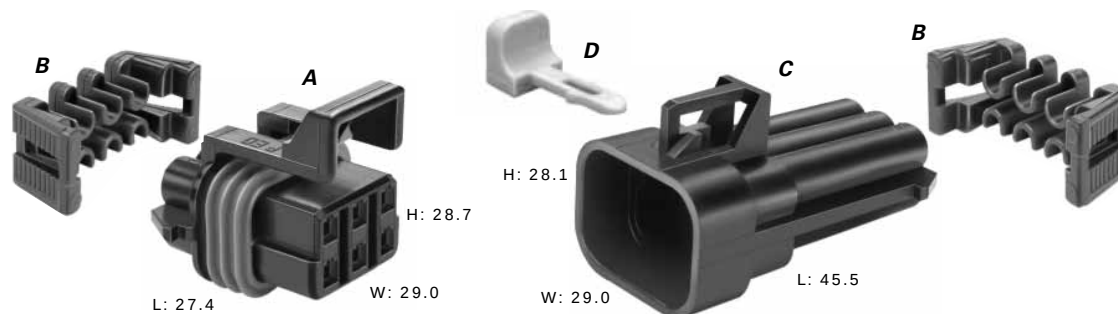
J. Part No: 12020833

Description:	CPA
Color:	Gray
Material:	PBT

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.



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Total Mated Length: 60.5mm

A. Part No: 12052848

Description:	Connector Assembly 6F
Size:	27.4L x 28.7H x 29.0W
Color:	Black
Material:	PA66 HS IM
Terminals:	See Page 2.12
Seals/Plugs:	See Page 2.12, 2.13

C. Part No: 12124107

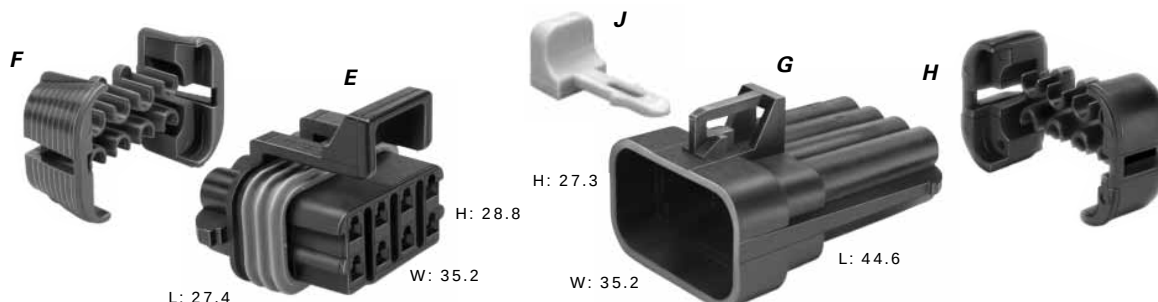
Description:	Connector 6M (Clip Slot-Self Locking)
Size:	45.5L x 28.1H x 29.0W
Color:	Black
Material:	PA66 HS IM
Terminals:	See Page 2.13
Seals/Plugs:	See Page 2.12, 2.13

B. Part No: 12052850

Description:	TPA
Number Req:	2
Color:	Md. Gray
Material:	PA66 HS IM

D. Part No: 12020833

Description:	CPA
Color:	Gray
Material:	PBT



Total Mated Length: 60.4mm

E. Part No: 12047937 (Black)

Description:	Connector Assembly 8F
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Part No: 12047938 (Lt. Gray)

Description:	Connector Assembly 7F
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Part No: 12052600 (Md. Gray)

Description:	Connector Assembly 5F
Size:	27.4L x 28.8H x 35.2W
Material:	PA66 HS IM
Terminals:	See Page 2.12
Seals/Plugs:	See Page 2.12, 2.13

F. Part No: 12066304

Description:	TPA
Color:	Md. Gray
Material:	PA66 HS IM

G. Part No: 12047931 (Black)

Description:	Connector 8M (Clip Slot)
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Part No: 12047933 (Gray)

Description:	Connector 7M (Clip Slot)
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Part No: 12052480 (Dk. Gray)

Description:	Connector 5M (Clip Slot)
Size:	44.6L x 27.3H x 35.2W
Material:	PBT 30% GF
Terminals:	See Page 2.13
Seals/Plugs:	See Page 2.12, 2.13

H. Part No: 15324525

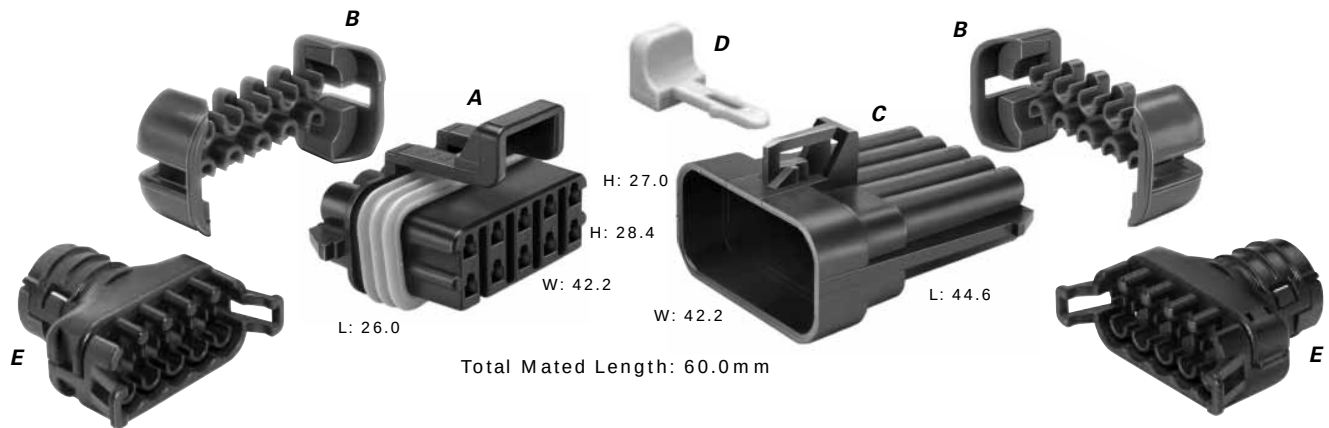
Description:	TPA
Color:	Black
Material:	PA66 HS IM

J. Part No: 12020833

Description:	CPA
Color:	Gray
Material:	PBT

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.

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A. Part No: 12065425 (Black)
12065426 (Md. Gray)

Description:	Connector Assembly 10F
Size:	26.0L x 28.4H x 42.2W
Material:	PA66 HS IM
Terminals:	See Page 2.12
Seals/Plugs:	See Page 2.12, 2.13

B. Part No: 12177082

Description:	TPA
Number Req:	2
Color:	Md. Gray
Material:	PA66 HS IM

C. Part No: 12045808 (Black)
12052189 (Gray)

Description:	Connector 10M (Clip Slot)
Size:	44.6L x 27.0H x 42.2W
Material:	PBT 30% GF
Terminals:	See Page 2.13
Seals/Plugs:	See Page 2.12, 2.13

D. Part No: 12020833

Description:	CPA
Color:	Gray
Material:	PBT

E. Part No: 10719339 (Optional)

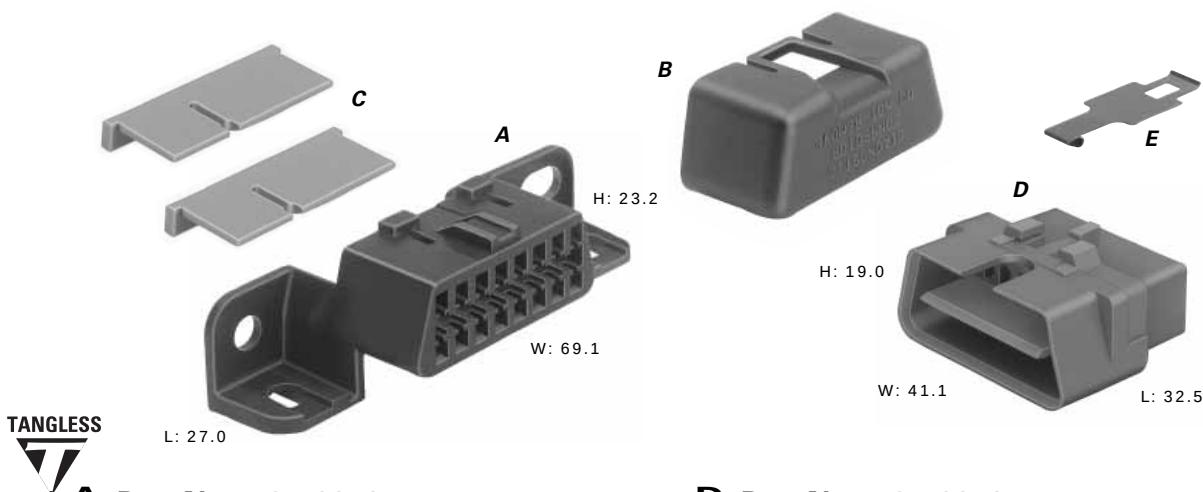
Description:	Conduit TPA
Number Req:	2
Color:	Black
Material:	PA6



150 Device Connections

Metri-Pack OBD II — On-Board Diagnostic Connection System

The On-Board Diagnostic Connection System is designed to meet SAE J1962 specifications using ISO standard male terminals. The 16 Terminal Male Test Equipment Connector includes a nylon insulator with ISO standard copper alloy male terminals. The Female Vehicle Connector is designed for under dash application, and accepts 150 Series Metri-Pack tangless female terminals available in silicon bronze.

**A. Part No: 12110250**

Description: Connector 16F (Fastener Mounting)
Size: 27.0L x 23.2H x 69.1W

Part No: 15317575

Description: Connector 16F (Snap Mounting)
Size: 17.0L x 23.2H x 52.0W
Color: Black
Material: PA66 HS IM
Terminals: See Page 2.2

B. Part No: 12146933

Description: Cover
Color: Black
Material: PP IM

C. Part No: 12160437

Description: TPA
Number Req: 2
Color: Blue
Material: PA66 HS IM

F. Part No: 12185280

Description: Connector 16F
Size: 28.0L x 23.0H x 61.0W
Color: White
Material: PA66
Terminals: See Page 2.2

**G. Part No: 12185279**

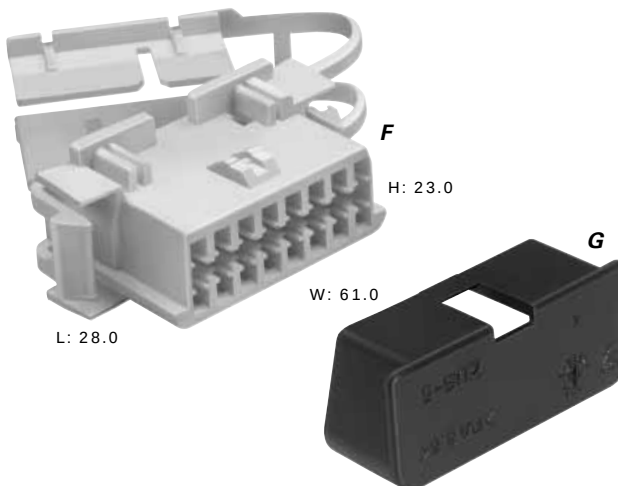
Description: Cover
Color: Black
Material: PA66

D. Part No: 12110252

Description: Connector 16M
Size: 32.5L x 19.0H x 41.1W
Color: Red
Material: PBT 30% GF
Terminals: See Page 2.3
Note: For molding details refer to drawing 12110256

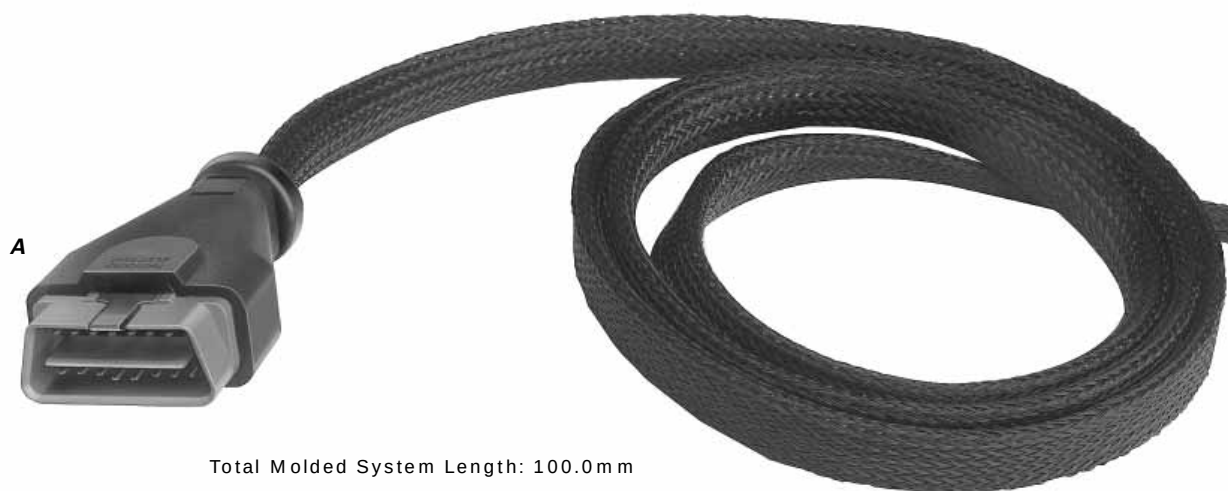
E. Part No: 12110254

Description: Clip
Material: Stainless Steel



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 Device Connections

**A.**

Description: Connector Assembly 16M OBD II

Part No: 12143692

Length: 3 Feet (915mm)

Part No: 12143693

Length: 8 Feet (2440mm)

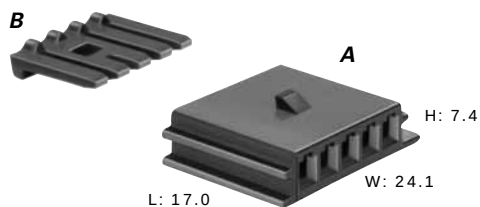
Part No: 12143694

Length: 12 Feet (3660mm)

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.



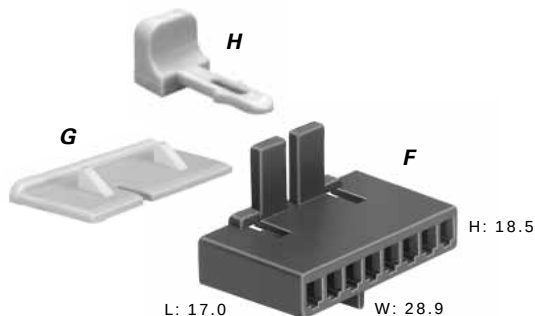
150 Device Connections

**A. Part No: 12059800**

Description:	Connector 5F
Size:	17.0L x 7.4H x 24.1W
Color:	Black
Material:	PA66 HS IM
Terminals:	See Page 2.2
Typical App:	Motor

B. Part No: 12059801

Description:	TPA
Color:	Md. Gray
Material:	PA66 HS IM

**F. Part No: 12064862**

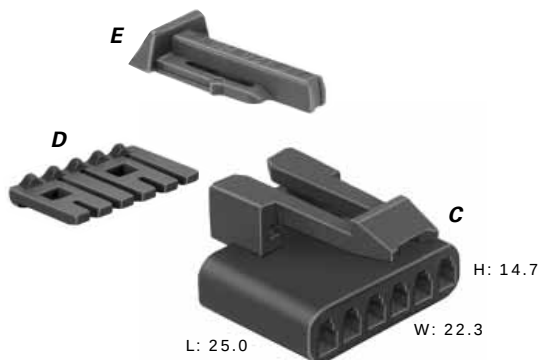
Description:	Connector 8F
Size:	17.0L x 18.5H x 28.9W
Color:	Black
Material:	PA66 HS IM
Terminals:	See Page 2.2
Typical App:	Mirror Switch

G. Part No: 12064863

Description:	TPA
Color:	Lt. Gray
Material:	PA66 HS IM

H. Part No: 12020833

Description:	CPA
Color:	Gray
Material:	PBT

**C. Part No: 12064860**

Description:	Connector 6F
Size:	25.0L x 14.7H x 22.3W
Color:	Black
Material:	PBT
Terminals:	See Page 2.2
Typical App:	Switch

D. Part No: 12064861

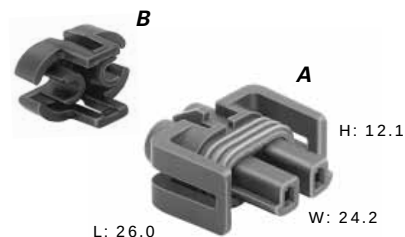
Description:	TPA
Color:	Md. Gray
Material:	PA66 HS IM

E. Part No: 12052834

Description:	CPA
Color:	Green
Material:	PP

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.

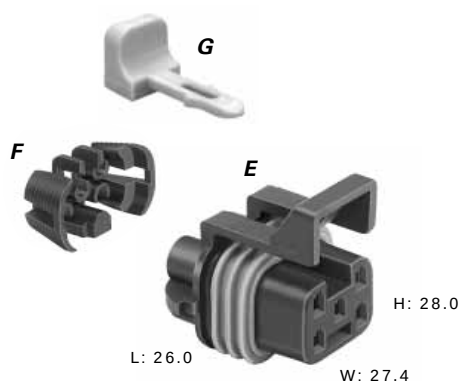
150 Device Connections

**A. Part No: 12162017**

Description:	Connector Assembly 2F
Size:	26.0L x 12.1H x 24.2W
Color:	Md. Gray
Material:	PA66 HS IM
Terminals:	See Page 2.12
Seals/Plugs:	See Page 2.12, 2.13
Typical App:	Compressor

B. Part No: 12124824

Description:	TPA
Color:	Black
Material:	PA66 HS IM

**E. Part No: 12077591**

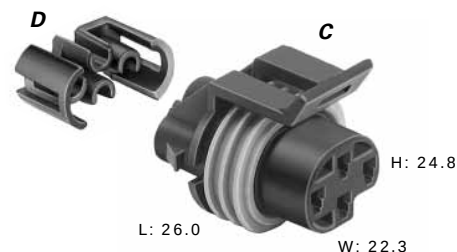
Description:	Connector Assembly 5F
Size:	26.0L x 28.0H x 27.4W
Color:	Black
Material:	PA66 HS IM
Terminals:	See Page 2.12
Seals/Plugs:	See Page 2.12, 2.13
Typical App:	EGR Valve

F. Part No: 12052898

Description:	TPA
Color:	Black
Material:	PA66 HS IM

G. Part No: 12020833

Description:	CPA
Color:	Gray
Material:	PBT

**C. Part No: 12065298**

Description:	Connector Assembly 4F
Size:	26.0L x 24.8H x 22.3W
Color:	Black
Material:	PA66 HS IM
Terminals:	See Page 2.12
Seals/Plugs:	See Page 2.12, 2.13
Typical App:	Switch

D. Part No: 12066176

Description:	TPA
Color:	Black
Material:	PA66 HS IM

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.



150.2 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.

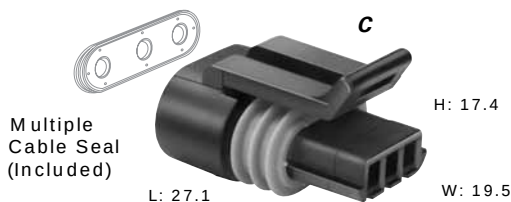
Description: Connector Assembly 2F

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.

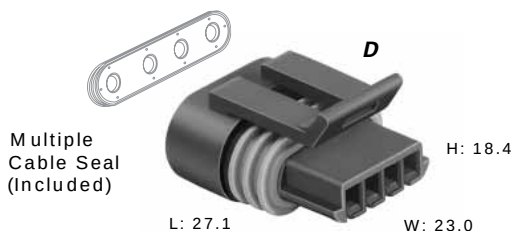
Description: Connector Assembly 3F

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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