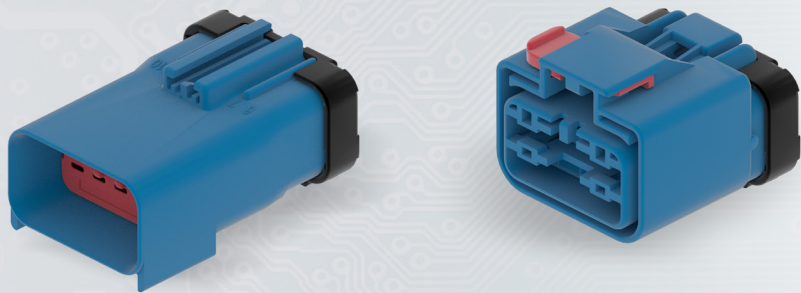


APEX® 2.8 SEALED SERIES



APEX® 2.8 Sealed 10W
Female & Male

BENEFITS

- Heavy-duty performance
- Highest current rating
- Ergonomic design

FEATURES

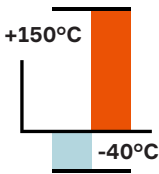
- Most compact 2.8 mm system in the industry
- Fully protected interface seal
- Meets or exceeds USCAR performance standards and GMW3191
- Compliant with USCAR design guidelines and performance standards
- 0.75 mm² (20 AWG) to 4 mm² (10 AWG)
- Primary Lock Reinforcement (PLR)
- Mechanical polarization

APPLICATIONS

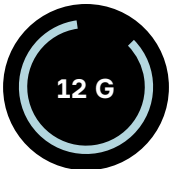
Sealed inline and device applications

PERFORMANCE

Temperature



Vibration level



Sealing class



Max voltage



AVAILABLE CONFIGURATIONS

Cavity Count (ways)	2, 3, 4, 6, 10, 14
Cavity Configurations (mm)	2.8
Genders	Female, Male
Sealing Type	Mat Sealed
Centerline Spacing (mm)	5.25

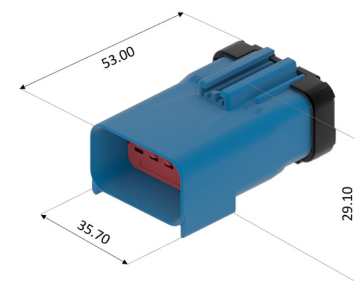
Cavity Count	Blade Size (mm)	Gender	Dimensions W x H x D (mm)	Part Number	Index	Color	Other Indexes Offered
2	2.8	F	24.8 x 25.7 x 40.1	35838342	A	Royal Blue	B, C, D
2	2.8	M	21.9 x 23.4 x 53.0	35827288	A	Royal Blue	B, C, D
3	2.8	F	28.2 x 21.9 x 40.1	35834937	A	Royal Blue	B, C, D
3	2.8	M	28.2 x 22.5 x 53.0	35834947	A	Royal Blue	B, C, D
4	2.8	F	32.6 x 22.2 x 40.1	35827352	A	Royal Blue	B, C, D
4	2.8	M	31.1 x 22.5 x 53.0	35827356	A	Royal Blue	B, C, D
6	2.8	F	24.8 x 25.3 x 37.7	35827333	A	Royal Blue	B, C, D
6	2.8	M	24.4 x 26.3 x 53.0	35827870	A	Royal Blue	B, C, D
10	2.8	F	35.3 x 31.4 x 40.1	35827363	A	Royal Blue	B, C, D
10	2.8	M	32.4 x 29.1 x 53.0	35827367	A	Royal Blue	B, C, D
14	2.8	F	45.8 x 30.8 x 37.8	35827369	A	Royal Blue	B, C, D
14	2.8	M	46.2 x 29.2 x 53.1	35831205	A	Royal Blue	B, C, D

Please contact an Aptiv representative for the full part number list.

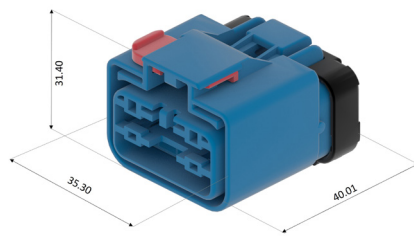
COMPATIBLE SEALS

Type	Color	Restraint Ring	Part Number
Cavity Plug	Blue	Yes	35478080
Cavity Plug	White	No	15305170

DIMENSIONS MEASUREMENT SAMPLE



APEX® 2.8 Sealed 10W Male



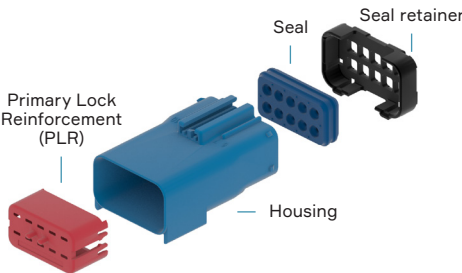
APEX® 2.8 Sealed 10W Female



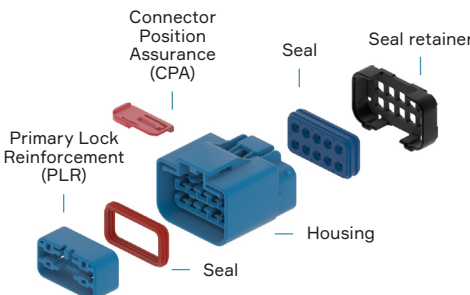
APEX® 2.8 Series

COMPATIBLE WITH

EXPLODED VIEW



APEX® 2.8 Sealed 10W Male



APEX® 2.8 Sealed 10W Female

APEX® 2.8 TERMINALS



BENEFITS

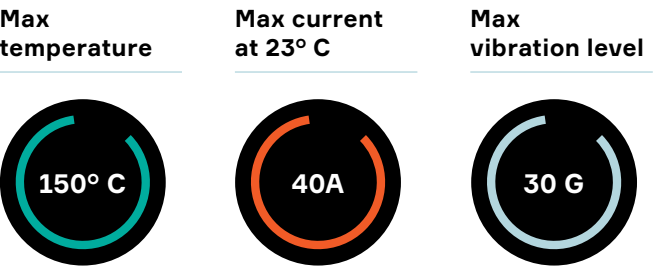
- Heavy-duty performance
- Highest current rating

FEATURES

- Two-piece construction
- Integrated floating spring made of beryllium copper or copper nickel silicon
- Low contact mating force

TECHNICAL CHARACTERISTICS

Contact Resistance	< 2 mΩ
Contact Mating Force	< 5 N
Contact Unmating Force	< 2 N



AVAILABLE CONFIGURATIONS

Terminal Type	Box & Blade
Terminal Construction	Two-piece
Locking Mechanism	Tangless / Lanceless
Terminal Cavity	APE®
Blade Size (mm)	2.8
Wire Gage Range (AWG)	22 - 10
Wire Gage Range (mm²)	0.35 - 6.0
Genders	Female, Male
Sealing Options	Unsealed, Mat Sealed
Plating Options	Sn, Au

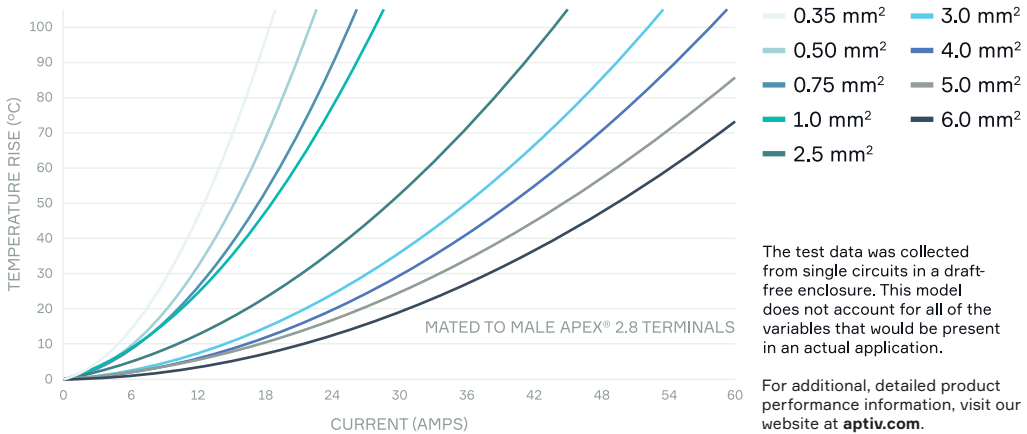
Sealing	Gender	Plating	Wire Size Range (AWG)	Wire Size Range (mm²)	Part Number	Other Available Platings	Other Available Configurations
Unsealed/Mat Sealed	F	Sn	12 - 10	4.0 - 6.0	10762802	Au	Greased/Ungreased, Rewind A, C
Unsealed/Mat Sealed	F	Sn	12	3.0	15422738	Au	Greased/Ungreased, Rewind A, C
Unsealed/Mat Sealed	F	Sn	16 - 14	2.0	10762803	Au	Greased/Ungreased, Rewind A, C
Unsealed/Mat Sealed	F	Sn	20 - 18	0.5 - 1.0	10757690	Au	Greased/Ungreased, Rewind A, C
Unsealed/Mat Sealed	F	Sn	22	0.35	10757691	-	Greased/Ungreased, Rewind A, C
Unsealed/Mat Sealed	M	Sn	12 - 10	4.0 - 6.0	10762774	Au	Rewind A, C
Unsealed/Mat Sealed	M	Sn	16 - 14	1.5 - 2.5	10757692	Au	Rewind A, C
Unsealed/Mat Sealed	M	Sn	20 - 18	0.5 - 1.0	10762775	Au	Rewind A, C
Unsealed/Mat Sealed	M	Sn	22	0.35	10762776	Au	Rewind A, C

TEMPERATURE RISE CURVE

APEX® 2.8 FEMALE TERMINAL

Aptiv taxi: 15324842
Cable range: 0.35 - 6.0 mm²
Crimp method: Standard
Contact plating: Sn
Test method: Single circuit in free air*
Mated to: Male terminal

* For reference only



The test data was collected from single circuits in a draft-free enclosure. This model does not account for all of the variables that would be present in an actual application.

For additional, detailed product performance information, visit our website at aptiv.com.