

APEX[®] 2.8 SERIES



APEX[®] 2.8 Male & Female

APEX[®] FAMILY BENEFITS

- Heavy-duty performance
- Highest current rating

2.8 SERIES FEATURES

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



AVAILABLE CONFIGURATIONS

| | |
|------------------------------------|---------------------------|
| Terminal Type | Box and blade |
| Locking Mechanism | Tangless |
| Terminal Cavity | APEX [®] |
| Wire Gage Range (AWG) | 22-10 |
| Wire Gage Range (mm ²) | 0.35-5.0 |
| Genders | Male & Female |
| Sealing Options | Unsealed, mat, cable seal |
| Plating Options | Tin, silver, gold |



CHARACTERISTICS

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



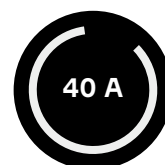
MAX
TEMP



MAX
VIBRATION



MAX
CURRENT



See back page for representative part numbers and packaging dimensions.

About Aptiv

Aptiv is a global technology company that develops safer, greener and more connected solutions enabling the future of mobility. Headquartered in Dublin, Aptiv has approximately 150,000 employees and operates 14 technical centers, as well as manufacturing sites and customer support centers in 45 countries.

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| Blade size (mm) | Sealing | Gender | Plating | Wire Size Range (AWG) | Wire Size Range (mm ²) | Part number | Other available platings | Other available configurations |
|-----------------|------------|--------|---------|-----------------------|------------------------------------|-------------|--------------------------|--------------------------------|
| 2.8 | Unsealed | F | Sn | 10-12 | 4-6 | 10762802 | Au | Greased/Ungreased, Rewind A, C |
| 2.8 | Unsealed | F | Sn | 12 | 3 | 15422738 | Au | Greased/Ungreased, Rewind A, C |
| 2.8 | Unsealed | F | Sn | 14-16 | 2 | 10762803 | Au | Greased/Ungreased, Rewind A, C |
| 2.8 | Unsealed | F | Sn | 18-20 | 0.5-1 | 10757690 | Au | Greased/Ungreased, Rewind A, C |
| 2.8 | Unsealed | F | Sn | 22 | 0.35 | 10757691 | - | Greased/Ungreased, Rewind A, C |
| 2.8 | Cable Seal | F | Sn | 12 | 3 | 10810733 | - | Greased/Ungreased, Rewind A, C |
| 2.8 | Cable Seal | F | Sn | 14-16 | 1.5-2.5 | 13627267 | Ag, Au | Greased/Ungreased, Rewind A, C |
| 2.8 | Cable Seal | F | Sn | 18-20 | 0.5-1 | 10810375 | Ag, Au | Greased/Ungreased, Rewind A, C |
| 2.8 | Unsealed | M | Sn | 10-12 | 4-6 | 10762774 | Au | Rewind A, C |
| 2.8 | Unsealed | M | Sn | 14-16 | 1.5-2.5 | 10757692 | Au | Rewind A, C |
| 2.8 | Unsealed | M | Sn | 18-20 | 0.5-1 | 10762775 | Au | Rewind A, C |
| 2.8 | Unsealed | M | Sn | 22 | 0.35 | 10762776 | Au | Rewind A, C |

Please, refer to the APEX® catalogue for the full part number list.

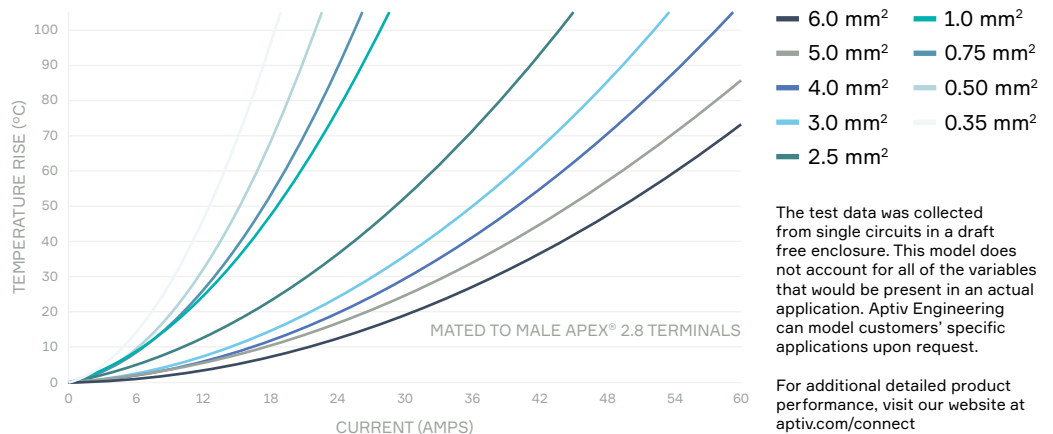
TEMP RISE CURVE

APEX® 2.8 FEMALE TERMINAL

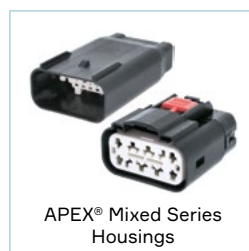
Aptiv taxi: 15324842
 Cable range: 6.0 - 0.35 mm²
 Crimp method: Standard
 Contact plating: SN
 Test method: Single circuit in free air*

Mated to: Male terminal

* For reference only



COMPATIBLE WITH



Part numbers, specifications, dimensions and performance data in this document are for general references only and are subject to change without notice. To verify product information, please contact an Aptiv representative.

CS-SP45-APEX-En0718