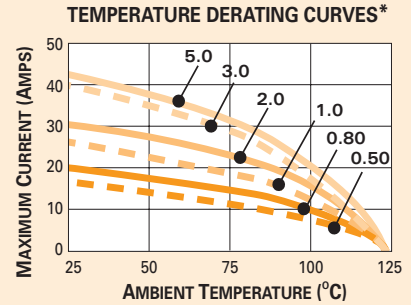
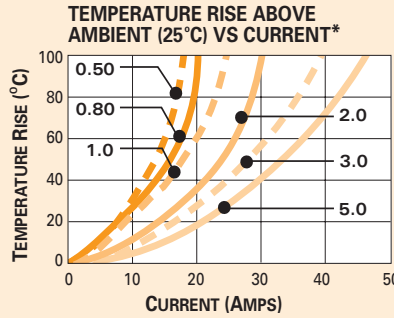




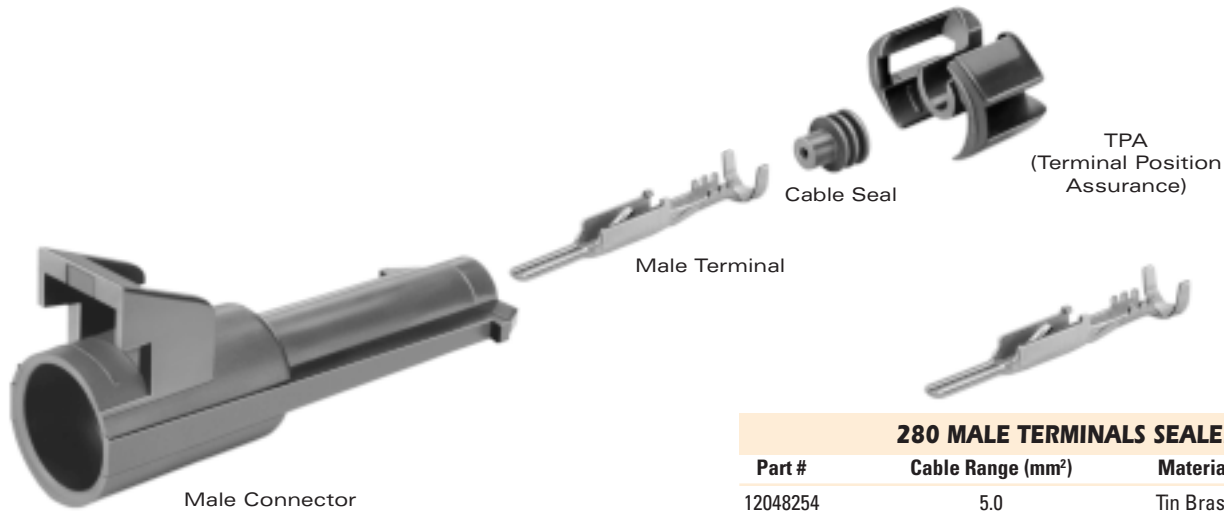
Sealed System Application Information

CABLE RANGE (mm²): 0.35-5.0
CURRENT RANGE (AMPS): 0-30
TEMP RANGE °C: -40 to 125
RESISTANCE: <10mΩ@20mV
VOLTAGE DROP: <3.0mV/amp
CENTERLINE SPACING (mm): 7.7
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.



280 MALE TERMINALS SEALED

| Part # | Cable Range (mm ²) | Material | Plating |
|----------|--------------------------------|-----------|---------|
| 12048254 | 5.0 | Tin Brass | Tin |
| 12129497 | 3.0-2.0 | Tin Brass | Tin |
| 12048159 | 1.0-0.80 | Tin Brass | Tin |
| 12124977 | 0.50-0.35 | Tin Brass | Tin |

280 MALE CONNECTORS SEALED

| # Cavities | Connector | Color | Material | TPA |
|------------|-----------|----------|------------|----------|
| 1 | 12065171 | Black | PA66 HS IM | 12065249 |
| 2 | 15300002 | Black | PA66 HS IM | 15300014 |
| 2 | 12059450 | Black | PA66 HS IM | 12065279 |
| 3 | 15300003 | Black | PA66 HS IM | 15300015 |
| 4 | 12129600 | Dk. Gray | PBT 30% GF | 12092733 |
| 5 | 12186400 | Gray | PBT 30% GF | 12084673 |
| 7 | 12110753 | Black | PA66 HS IM | 12110754 |
| 15 | 12161187 | Black | PA66 HS IM | 12110782 |

280 METRI-PACK CAVITY PLUG*

| Part # | Cavity Inside Diameter | Material | Color |
|----------|------------------------|----------|-------|
| 12010300 | 6.7mm | 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.
- Female Connections for device applications, see page 92.

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