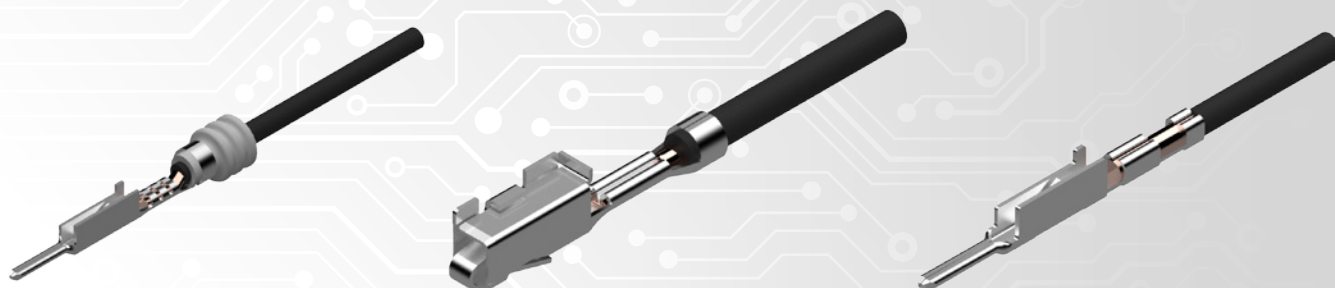




METRI-PACK (M/P) 150 TERMINAL SERIES



BENEFITS

- Long history of performance and reliability
- ISO Standard terminal sizes, available in locking lance and clean body
- Robust box and blade design



FEATURES

- Contact tongue with overstress protection
- 3 contact electrical interface
- Cable core crimp enhancement features - notches/knurl or stamped serrations
- Various platings available - Matte-Sn, Au, Ag, Sn-Plated Silicon Bronze

TECHNICAL CHARACTERISTICS

Temperature Range	-40°C - 125°C
Max Vibration	15G
Max Current	14A
Contact Resistance	<10mΩ @ 20mV
Contact Mating Force	11.8N
Contact Unmating Force	4.5N
Mating Cycles Tin/Silver	10 min
Cavity Pullout Force	62N

AVAILABLE CONFIGURATIONS

Terminal Construction	One-piece, Box and Blade
Locking Mechanism	Locking lance or clean body
Crimp Validated to	ESA-605 - Aptiv specification
Wire Gage Range (AWG)	16-22
Wire Gage Range (mm ²)	0.35 - 1.0
Genders	F, M
Sealing Options	Unsealed, cable-sealed
Plating Options	Matte-Sn, Au, Ag, Sn-Plated Silicon Bronze
Mating Tab Dimension	1.5 mm
Cavity Type	Aptiv Metri-Pack (M/P)

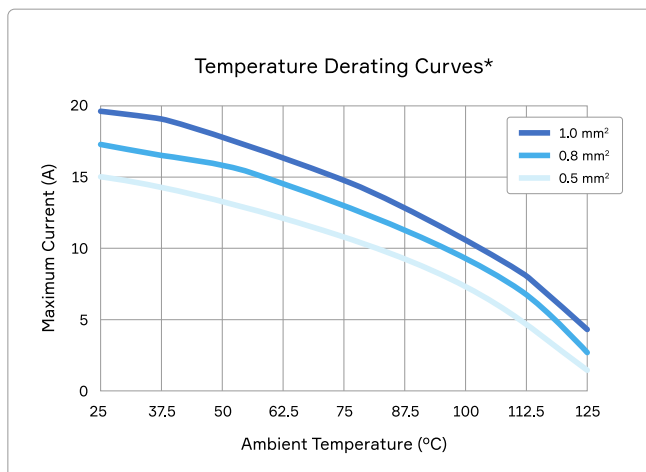
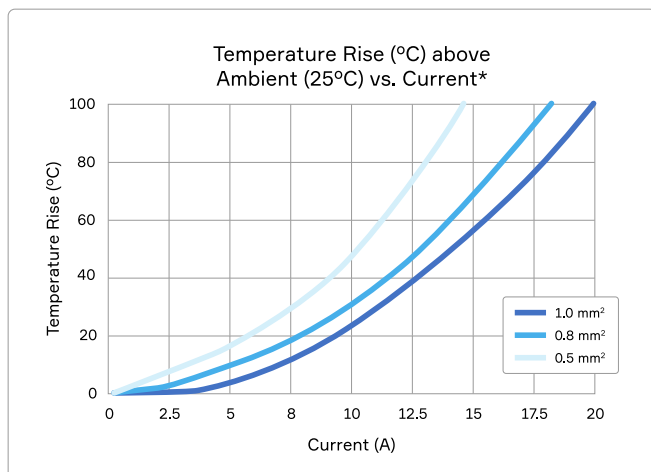
APPLICATIONS

Body and chassis, engine, inline and device, commercial vehicles (trucks), marine, agriculture, construction, and robotics

HOUSING COMPATIBILITY

Aptiv Metri-Pack (M/P) 150 Sealed and Unsealed Series

T-RISE CURVE



*Note: 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, visit our website at aptiv.com.

REPRESENTATIVE PART NUMBERS

Sealing	Gender	Plating	Wire Size Range (AWG)	Wire Size Range (mm²)	Part Number	Other Available Platings	Locking Mechanism
Unsealed	F	Sn	16-18	1.0-0.8	12047767	Selective Au, Sn Plated Silicon Bronze	Locking Lance
Unsealed	F	Sn	20-22	0.5-0.35	12064971	Selective Au, Sn Plated Silicon Bronze	Locking Lance
Unsealed	F	Sn	16-18	1.0-0.8	12129484	Au	Clean Body
Unsealed	F	Sn	20-22	0.5-0.35	12129373	Au	Clean Body
Cable-sealed	F	Sn	16-20	1.0-0.8-0.5	12048074	Au, Ag	Locking Lance
Cable-sealed	F	Sn	20-22	0.5-0.35	12084200	Au, Ag	Locking Lance
Unsealed	M	Sn	18-20	0.8-0.5	12047581		Locking Lance
Unsealed	M	Sn	20-22	0.5-0.35	12059894		Locking Lance
Cable-sealed	M	Sn	18-20	0.8-0.5	12045773	Au	Locking Lance
Cable-sealed	M	Sn	20-22	0.5-0.35	12077628	Au	Locking Lance

COMPATIBLE SEALS

Type	Applicable Cable Outside Diameter (mm)	Color	Part Number
Cable Seal	2.85-2.03	Dark Red	15324973
Cable Seal	2.15-1.60	White	15324976
Cable Seal	1.70-1.20	Blue	15324974
Cable Seal	1.009-0.995	Tan	12084193