

# GTS 1.5 SERIES



GTS 1.5  
Female & Male Terminals

## BENEFITS

- Stable contact force with high performing copper alloy
- Best ratio of base material usage for a 1.5 mm female terminal in the market
- High vibration performance in 2 and 3 Way housings (up to 42 G at 85 °C)

## FEATURES

- Easy and smooth insertion through mat seals
- Clean Body geometry without any sharp edges, preventing operator injury and wire damage
- Wide range of crimping cable section gauges



## AVAILABLE CONFIGURATIONS

Terminal Construction	Two-piece
Locking Mechanism	Tangless / Lanceless
Crimp Validated to	RSA, GM, PSA
Blade Size (mm)	1.5
Wire Gage Range (AWG)	24 - 14
Wire Gage Range (mm <sup>2</sup> )	0.22 - 2.0
Genders	Female, Male
Sealing Options	Unsealed, Mat Sealed, Cable Sealed
Plating Options	Sn, Au
Mating Tab Dimension (mm)	1.5 x 0.8

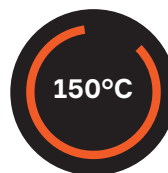


## TECHNICAL CHARACTERISTICS

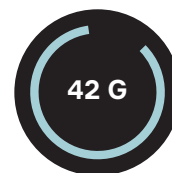
Contact Resistance	< 1.5 mΩ
Contact Mating Force	< 4 N
Contact Unmating Force	< 0.5 N
Cavity Pullout Force	> 120 N
Center Line Spacing	3.5 mm



MAX  
TEMP



MAX  
VIBRATION



MAX CURRENT  
AT 23°C



## APPLICATIONS

Engine compartment, ECU, sensors, actuators

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 a more sustainable future of mobility.


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Sealing	Gender	Plating	Wire size range (AWG)	Wire size range (mm <sup>2</sup> )	Part number	Other available platings
Unsealed	F	Sn	24 - 22	0.22 - 0.35	33510898	Au
Unsealed	F	Sn	20 - 18	0.50 - 0.85	13648599	Au
Unsealed	F	Sn	16	1.0 - 1.3	13741954	Au
Unsealed	F	Sn	14	1.4 - 2.0	13749482	Au
Unsealed	M	Sn	20 - 18	0.50 - 0.85	33510912	-
Unsealed	M	Sn	16	1.0 - 1.3	33500741	-
Unsealed	M	Sn	14	1.4 - 2.0	33510913	-
Cable Sealed	F	Sn	20 - 18	0.50 - 0.85	29828026	Au
Cable Sealed	F	Sn	16	1.0 - 1.3	13860784	Au
Cable Sealed	F	Sn	14	1.4 - 2.0	13737773	Au

## COMPATIBLE SEALS

Type	Applicable Wire Size (mm <sup>2</sup> )	Color	Restraint Ring	Part Number
				
Cable Seal	0.35 - 0.75	Yellow	Yes	10736278
Cable Seal	0.5 - 1.0	Blue	Yes	15484426
Cable Seal	0.75 - 2.0	Green	Yes	10736279
Cable Seal	1.25 - 1.5	Yellow	Yes	13582732
Cavity Plug	N/A	White	Yes	10787316

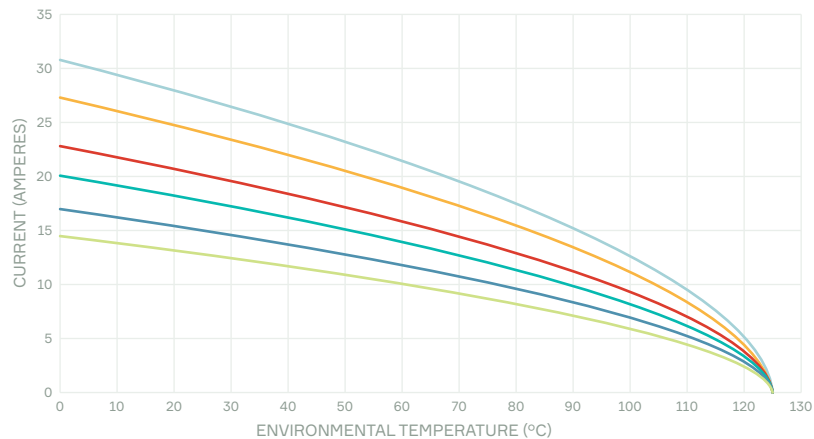
Please, contact an Aptiv representative for the full part number list.

## DERATING CURVE

Cable range: 0.22 - 2.0 mm<sup>2</sup>  
 Crimp method: Standard  
 Contact plating: Sn  
 Test method: Single circuit in free air\*  
 Mated to: GTS 1.5 male terminals

\* For reference only

One terminal loaded, in housing wire-to-wire configuration



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](https://www.aptiv.com)

## 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-SP114-GTS-En1123