

SICMA 1.5 SERIES



SICMA 1.5
Female & Male Terminals

BENEFITS

- Optimized design to keep stable contact pressure
- Standard terminal cavity compatibility

FEATURES

- Clean body design, preventing tearing of mat seal
- One-piece construction with high pressure contact
- Several crimping gauges for strong slow motion and vibration performance



AVAILABLE CONFIGURATIONS

Terminal Construction	One-piece
Locking Mechanism	Tangless / Lanceless
Crimp Validated to	PSA, RN, FCA, GM, Ford, Volvo
Blade Size (mm)	1.5
Wire Gage Range (AWG)	26 - 14
Wire Gage Range (mm ²)	0.13 - 2.0
Genders	Female, Male
Sealing Options	Unsealed, Mat Sealed, Cable Sealed
Plating Options	Sn, Au, Ag (only for Male)
Mating Tab Dimension (mm)	1.5 x 0.8

See back page for representative part numbers and packaging dimensions.



TECHNICAL CHARACTERISTICS

Contact Resistance	< 4 mΩ
Contact Mating Force	< 4 N
Contact Unmating Force	> 0.8 N
Mating Cycles	10 / 20 (Au)
Cavity Pullout Force	120 N
Center Line Spacing	3.33 mm (Unsealed) 4.25 mm (Sealed)



MAX
TEMP



MAX
VIBRATION



MAX CURRENT
AT 23°C



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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Sealing	Gender	Plating	Wire size range (AWG)	Wire size range (mm ²)	Part number	Other available platings
Unsealed	F	Sn	26 - 24	0.13 - 0.22	33308333	Au
Unsealed	F	Sn	24	0.22	13625048	Au
Unsealed	F	Sn	22 - 18	0.35 - 0.70	10863984	Au
Unsealed	F	Sn	18 - 16	0.75 - 1.30	10865182	Au
Unsealed	F	Sn	16 - 14	1.35 - 2.0	10863985	Au
Unsealed	M	Sn	26 - 24	0.13 - 0.22	33400435	Ag
Unsealed	M	Sn	22 - 18	0.35 - 0.70	33501792	Au, Ag
Unsealed	M	Sn	18 - 16	0.75 - 1.30	33512109	Ag
Unsealed	M	Sn	16 - 14	1.35 - 2.0	33512190	Ag
Cable Sealed	F	Sn	22 - 18	0.35 - 0.70	13761154	Au
Cable Sealed	F	Sn	18 - 16	0.75 - 1.30	13761651	Au
Cable Sealed	F	Sn	16 - 14	1.35 - 2.0	13731648	Au
Cable Sealed	M	Sn	22 - 18	0.35 - 0.70	35174381	Ag
Cable Sealed	M	Sn	18 - 16	0.75 - 1.30	35174382	Ag
Cable Sealed	M	Sn	16 - 14	1.35 - 2.0	35174383	Ag

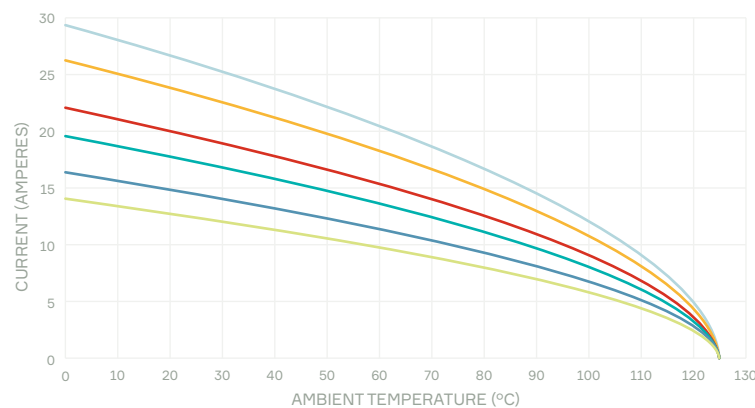
COMPATIBLE SEALS

Type	Applicable wire size (mm ²)	Color	Part number
Cable Seal	0.5 - 0.75	Yellow	10736278
Cable Seal	1.0 - 2.0	Green	10736279

DERATING CURVE

Cable range: 0.35 - 2.0 mm²
 Crimp method: Standard
 Contact plating: Sn
 Test method: Single circuit in free air*
 Mated to: SICMA Male Tab

* For reference only



0.35 mm² 1.0 mm²
 0.50 mm² 1.5 mm²
 0.75 mm² 2.0 mm²

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

COMPATIBLE WITH SICMA HOUSINGS

SICMA Inline Unsealed Series	SICMA Full Interconnect Sealed Series	SICMA Sealed Relay Sockets 7 & 8 Way (Mixed)	SICMA Mini-Sealed Series	SICMA Panel-Through Sealed Series	SICMA Panel-Through Unsealed Series	SICMA SensoMate™ Series

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.

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