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Технические характеристики на автомобильные клеммы в разъемы герметичные, негерметичные, уплотнения SICMA 2.8, SICMA 1.5, SICMA 0.64 КОМПАНИИ **APTIV PLC**

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

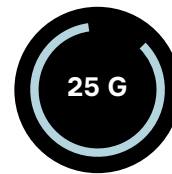
Contact Resistance	< 4 mΩ
Contact Mating Force	< 4 N
Contact Unmating Force	> 0.8 N
Mating Cycles	10 / 20 (Au)
Cavity Pullout Force	120 N
Center Line Spacing	3.33 mm (Unsealed) 4.25 mm (Sealed)



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.



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	10865152	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

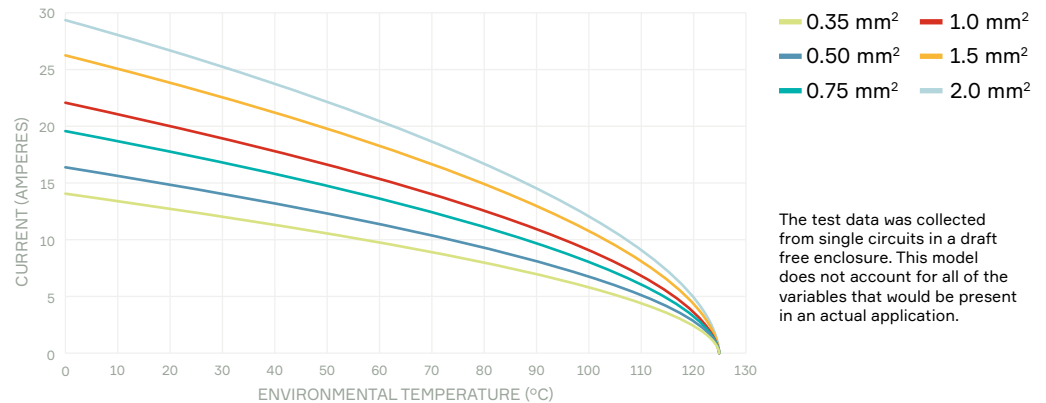
COMPATIBLE SEALS

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



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.

COMPATIBLE WITH SICMA HOUSINGS



SICMA 2.8 SERIES



SICMA 2.8
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	RSA, PSA, Ford, Hyundai, GM
Blade Size (mm)	2.8
Wire Gage Range (AWG)	22 - 14
Wire Gage Range (mm ²)	0.35 - 2.5
Genders	Female, Male
Sealing Options	Unsealed, Mat Sealed, Cable Sealed
Plating Options	Sn, SnAg, Au
Mating Tab Dimension (mm)	2.8 x 0.8



TECHNICAL CHARACTERISTICS

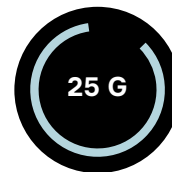
Contact Resistance	< 3 mΩ
Contact Mating Force	< 6 N
Contact Unmating Force	> 1.5 N
Mating Cycles	10
Cavity Pullout Force	120 N
Center Line Spacing	5 mm



MAX TEMP



MAX VIBRATION



MAX CURRENT AT 23°C



See back page for representative part numbers and packaging dimensions.

About Aptiv

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Sealing	Gender	Plating	Wire size range (AWG)	Wire size range (mm ²)	Part number	Other available platings
Unsealed	F	Sn	22 - 18	0.35 - 0.70	10781041	SnAg, Au
Unsealed	F	Sn	18 - 16	0.75 - 1.30	15522621	SnAg, Au
Unsealed	F	Sn	16 - 12	1.35 - 2.5	10725649	SnAg, Au
Unsealed	M	Sn	22 - 18	0.35 - 0.75	10779316	-
Unsealed	M	Sn	18 - 12	1.0 - 2.5	10756743	-
Cable Sealed	F	Sn	22 - 18	0.35 - 0.70	10740375	-
Cable Sealed	F	Sn	18 - 16	0.75 - 1.30	13873373	-
Cable Sealed	F	Sn	16 - 12	1.35 - 2.5	10740376	-
Cable Sealed	M	Sn	22 - 18	0.35 - 0.75	10781143	-
Cable Sealed	M	Sn	18 - 12	1.0 - 2.5	10793682	-

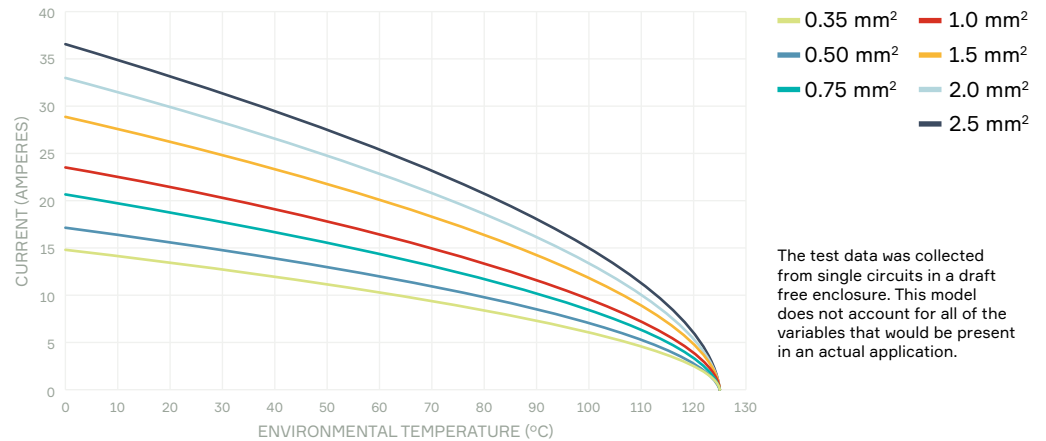
COMPATIBLE SEALS

Type	Applicable wire size (mm ²)	Color	Part number
Cable Seal	0.35 - 0.70	Red	15327786
Cable Seal	0.75 - 1.30	Brown	13578695
Cable Seal	1.35 - 2.50	Blue	10757056

DERATING CURVE

Cable range: 0.35 - 2.5 mm²
 Crimp method: Standard
 Contact plating: Sn
 Test method: Single circuit in free air*
 Mated to: SICMA Male Tab

* For reference only



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.

COMPATIBLE WITH SICMA HOUSINGS

<p>SICMA Inline Sealed Series 24 Way (Mixed)</p>	<p>SICMA Inline Unsealed Series 24 & 36 Way (Mixed)</p>	<p>SICMA Header Interconnect Sealed Series 6 & 24 Way (Mixed)</p>	<p>SICMA Sealed Relay Sockets 8 Way (Mixed)</p>	<p>SICMA Mini-Sealed Series 6 Way (Mixed)</p>	<p>SICMA Panel-Through Sealed Series 14, 24, 26, 33, 34 Way (Mixed)</p>	<p>SICMA Panel-Through Unsealed Series 24, 29, 42 Way (Mixed)</p>
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SICMA 0.64 SERIES



SICMA 0.64
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
- Two crimping gauges for strong slow motion and vibration performance



AVAILABLE CONFIGURATIONS

Terminal Construction	One-piece
Locking Mechanism	Tangless / Lanceless
Crimp Validated to	RSA
Blade Size (mm)	0.64
Wire Gage Range (AWG)	24 - 20
Wire Gage Range (mm ²)	0.22 - 0.75
Genders	Female, Male
Sealing Options	Unsealed, Mat Sealed
Plating Options	Sn, Au
Mating Tab Dimension (mm)	0.64 x 0.9

See back page for representative part numbers and packaging dimensions.

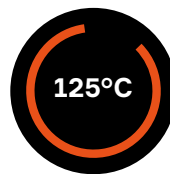


TECHNICAL CHARACTERISTICS

Contact Resistance	< 6 mΩ
Contact Mating Force	< 3 N
Contact Unmating Force	> 0.8 N
Mating Cycles	10
Cavity Pullout Force	> 80 N
Center Line Spacing	2.5 mm



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TEMP



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MAX CURRENT
AT 23°C



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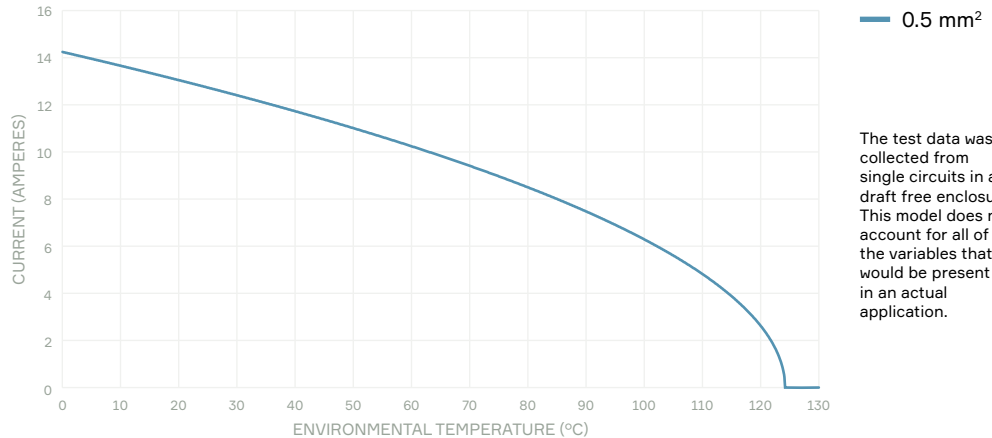


Sealing	Gender	Plating	Wire size range (AWG)	Wire size range (mm ²)	Part number	Other available platings
Unsealed	F	Sn	24 - 20	0.22 - 0.5	33504063	Au
Unsealed	F	Sn	22 - 18	0.35 - 0.75	10811966	Au
Unsealed	M	Sn	24 - 20	0.22 - 0.5	10811967	Au
Unsealed	M	Sn	22 - 18	0.35 - 0.75	10819388	Au

DERATING CURVE

Cable range: 0.22 - 0.75 mm²
 Crimp method: Standard
 Contact plating: Sn
 Test method: Single circuit in free air*
 Mated to: MicroSICMA Male Tab

* For reference only



COMPATIBLE WITH



- | | | | | |
|------------------------------------|-----------------------------------|--|---------------------------------------|---------------------------------|
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