

CTS 0.5 LOCKING LANCE SERIES



CTS 0.5 Locking Lance
Female & Male Terminals

BENEFITS

- Compatible with industry standard cavities
- Robust terminal design with several design features providing a perfect electrical function
- 100% vision controlled manufacturing

FEATURES

- Protected mating area
- One robust primary locking lance
- High performance copper alloy



AVAILABLE CONFIGURATIONS

Terminal Construction	One-piece Female Two-piece Male
Locking Mechanism	Tangless / Lanceless
Crimp Validated to	LV214 / USCAR-21
Blade Size (mm)	0.5
Wire Gage Range (AWG)	26 - 22
Wire Gage Range (mm ²)	0.08 - 0.35
Genders	Female, Male
Sealing Options	Block Seal, Unsealed
Plating Options	Sn, Ag
Mating Tab Dimension (mm)	0.4 x 0.5

See back page for representative part numbers and packaging dimensions.

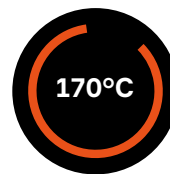


TECHNICAL CHARACTERISTICS

Contact Resistance	7 mΩ
Contact Mating Force	2.0 N
Contact Unmating Force	2.0 N
Mating Cycles	20 (Sn) / 50 (Ag)
Cavity Pullout Force	> 30 N
Center Line Spacing	1.2 x 1.8 mm



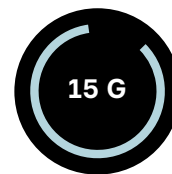
MAX
TEMP



Ag



MAX
VIBRATION



MAX CURRENT
AT 23°C



About Aptiv

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Sealing	Gender	Plating	Wire size range (AWG)	Wire size range (mm ²)	Part number	Other available platings
Block Seal	F	Sn	26	0.08 - 0.14	33124946	Ag
Block Seal	F	Sn	24 - 22	0.17 - 0.35	33124945	Ag
Block Seal	M	Sn	26	0.08 - 0.14	35195964	Ag
Block Seal	M	Sn	24 - 22	0.17 - 0.35	35195966	Ag

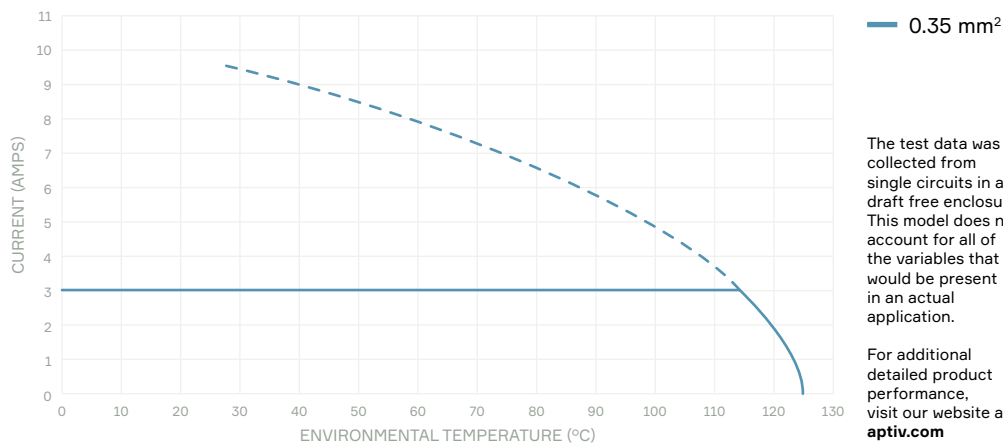
DERATING CURVES

Cable range: 0.08 - 0.35 mm²
 Crimp method: Standard
 Contact plating: Sn
 Test method: Single circuit in free air*
 Mated to: Pin
 0.4 x 0.5 mm

* For reference only

Terminal without housing

acc. to DIN EN 60512-5-2



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.