# 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

Terminal Construction	One-piece Female Two-piece Male		
Locking Mechanism	Tanged / Lanced		
Crimp Validated to	LV214 / USCAR-21		
Blade Size (mm)	0.5		
Wire Gage Range (AWG)	26 - 22		
Wire Gage Range (mm²)	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		

## AVAILABLE CONFIGURATIONS

## 

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		
E MAX I MAX TEMP VIBRAT	MAX CURRENT		

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 (mm²)	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	М	Sn	26	0.08 - 0.14	35195964	Ag
Block Seal	М	Sn	24 - 22	0.17 - 0.35	35195966	Ag

## 😽 DERATING CURVES





## 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-SP108-CTS-En0323

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