

CTS 9.5 FEMALE LOCKING LANCE TERMINALS



CTS 9.5 Locking Lance
Female Terminal



AVAILABLE CONFIGURATIONS

Terminal Construction	Two-piece
Locking Mechanism	Tanged, Lanced
Crimp Validated to	VW60330; VW75174-2
Blade Size (mm)	9.5
Wire Gage Range (AWG)	2 - 6
Wire Gage Range (mm²)	2.5 - 16
Genders	Female
Sealing Options	Unsealed, Cable Sealed
Plating Options	Sn, Ag
Mating Tab Dimension (mm)	9.5 x 1.2

See back page for representative part numbers and packaging dimensions.

BENEFITS

- Mechanical locking of terminal box assures ultrasonic welding robustness
- Compatible with industry standard cavities
- Robust terminal design with several design features providing a perfect electrical function
- 100% vision controlled manufacturing

FEATURES

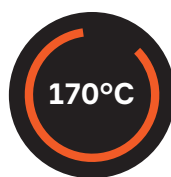
- Two-tang primary lock
- Stainless steel spring
- High performance copper alloy
- Available in several cross sections & platings
- Ultrasonic welding ability according to AK 43-2



TECHNICAL CHARACTERISTICS

Contact Resistance	< 1 mΩ
Contact Mating Force	< 25 N
Contact Unmating Force	> 25 N
Mating Cycles	20 (Sn) / 20 (Ag)
Cavity Pullout Force	200 N
Center Line Spacing	Unsealed: 12.5 x 12.5 mm Sealed: 13.0 x 13.0 mm

MAX
TEMP



MAX
VIBRATION



MAX CURRENT
AT 80°C



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Sealing	Gender	Plating	Wire size range (mm ²)	Part number	Other available platings
Unsealed	F	Sn	2.5 - 4.0	35256137	Ag
Unsealed	F	Sn	6.0 - 10.0	35256142	Ag
Unsealed	F	Sn	16.0	35256148	-
Cable Sealed	F	Sn	2.5 - 4.0	35256145	Ag
Cable Sealed	F	Sn	6.0 - 10.0	35256152	Ag



COMPATIBLE SEALS

Type	Applicable wire size (mm ²)	Color	Restraint ring	Part number
Cable Seal	2.5	Blue	No	13756673
Cable Seal	4.0 - 6.0	Green	No	13834764
Cable Seal	4.0 - 8.0	Black	No	13834763
Cable Seal	5.0 - 8.0	Black	No	15327788



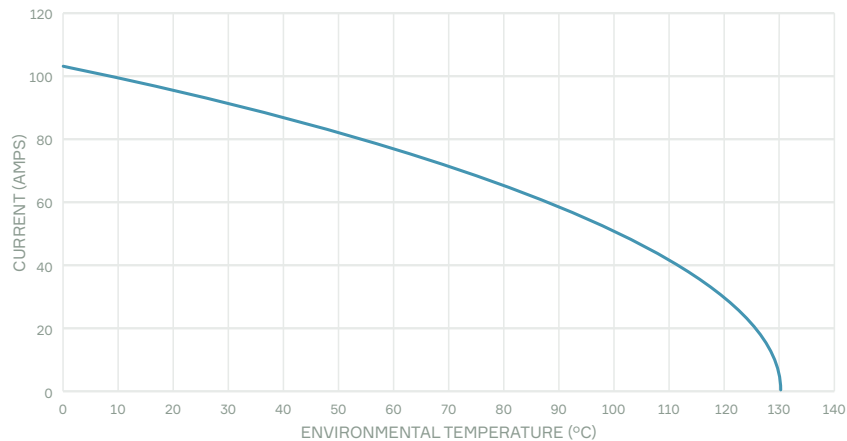
DERATING CURVES

Cable range: 2.5 - 16 mm²
 Crimp method: Standard
 Contact plating: Sn
 Test method: Single circuit in free air*
 Mated to: Tab
 9.5 x 1.2 mm

* For reference only

Terminal without housing

acc. to DIN EN 60512-5-2



— 10.0 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](https://www.aptiv.com)

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.