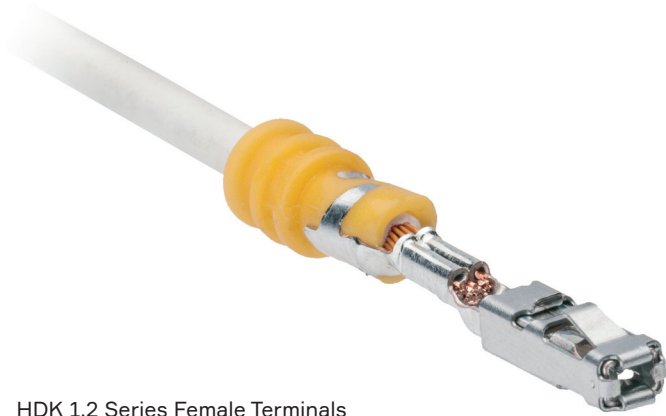


HDK 1.2 SERIES



HDK 1.2 Series Female Terminals

BENEFITS

- High vibration (up to 50 G) high temperature (up to 150 °C) terminal system
- Unique high contact force terminal system for high vibration load
- Two-piece contact body

FEATURES

- 4 contact points
- Ultrasonic welding compatible
- High contact pressure by scratching
- Pin motion control



AVAILABLE CONFIGURATIONS

Terminal Construction	Two-piece
Locking Mechanism	Lanceless / Tangless
Crimp Validated to	VW 75174-2
Blade Size (mm)	1.2
Wire Gage Range (mm ²)	0.12 - 1.0
Genders	Female
Sealing Options	Cable Sealed / SWS*
Plating Options	SnAg
Mating Tab Dimension (mm)	1.2 x 0.6

* Single Wire Seal

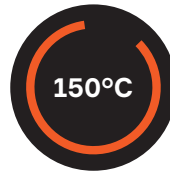


TECHNICAL CHARACTERISTICS

Contact Resistance	< 3 mΩ
Contact Mating Force	6 N max
Contact Unmating Force	6 N max
Mating Cycles	10 / 25
Cavity Pullout Force	> 60 N
Center Line Spacing	3.5 / 4 mm



MAX
TEMP



MAX
VIBRATION



MAX
CURRENT



with 1.0 mm²

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 (mm ²)	Part number
Cable Sealed	F	SnAg	0.50 - 0.75	33232096
Cable Sealed	F	SnAg	1.0 - 1.5	33232097

COMPATIBLE SEALS

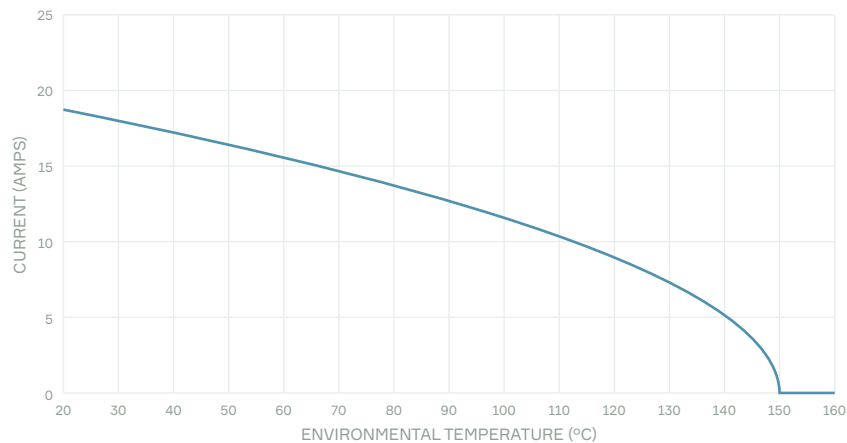
Type	Applicable Wire Size (mm ²)	Color	Restraint Ring	Part Number
				
Cable Seal	0.5 - 1.0	Green	Yes	13887350
Cavity Plug	N/A	Blue	Yes	13887353
				
Cable Seal	0.5 - 1.0	Gray	No	15327918
Cable Seal	1.0 - 1.5	Yellow	No	15460621
Cavity Plug	N/A	White	No	12198198

Please, contact an Aptiv representative for the full part number list.

DERATING CURVES

Cable range: 1.0 mm²
 Crimp method: Standard
 Contact plating: SnTop
 Test method: Single circuit in free air*
 Mated to: Delphi header

* For reference only



— 1.0 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



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-SP100-HDK-En1123

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