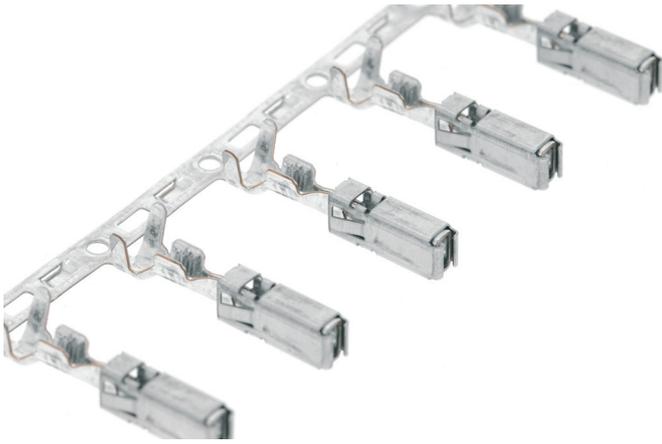


# HDK 2.8 SERIES



HDK 2.8 Series Female Terminals

## BENEFITS

- High vibration (up to 80 G with silver) high temperature (up to 150 °C) terminal system
- Related movements are blocked thanks to the high contact pressure
- Two-piece contact system

## FEATURES

- 4 contact points
- Ultrasonic welding compatible
- High contact pressure



## AVAILABLE CONFIGURATIONS

Terminal Construction	Two-piece
Locking Mechanism	Lanceless / Tangless
Crimp Validated to	VW 75174-2
Blade Size (mm)	2.8
Wire Gage Range (mm <sup>2</sup> )	0.22 - 2.5
Genders	Female
Sealing Options	Cable Sealed / SWS*
Plating Options	SnAg, Ag
Mating Tab Dimension (mm)	2.8 x 0.6

\* Single Wire Seal



## TECHNICAL CHARACTERISTICS

Contact Resistance	< 3 mΩ
Contact Mating Force	< 20 N / < 35 N
Contact Unmating Force	< 20 N / < 32 N
Mating Cycles	10 / 25
Cavity Pullout Force	> 80 N
Center Line Spacing	5 / 6 mm



MAX  
TEMP



MAX  
VIBRATION



MAX  
CURRENT



Ag

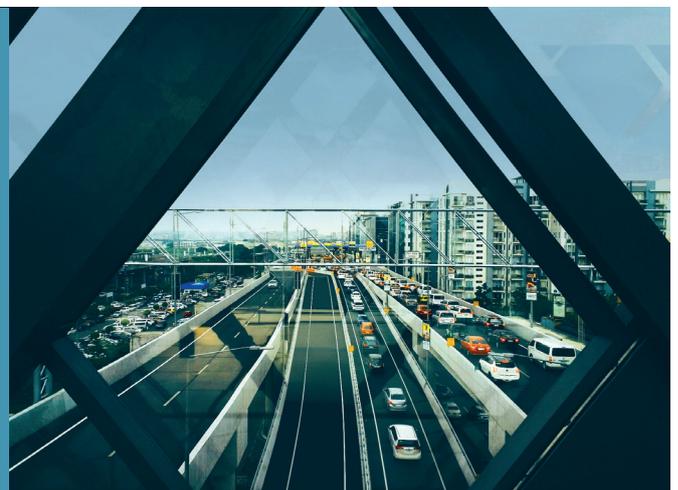
with 2.5 mm<sup>2</sup>

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 <sup>2</sup> )	Part number	Other available platings
Cable Sealed	F	SnAg	0.22 - 0.35	33515099	Ag
Cable Sealed	F	SnAg	0.5 - 1.0	33515098	Ag
Cable Sealed	F	SnAg	1.0 - 2.5	33515097	Ag

## COMPATIBLE SEALS

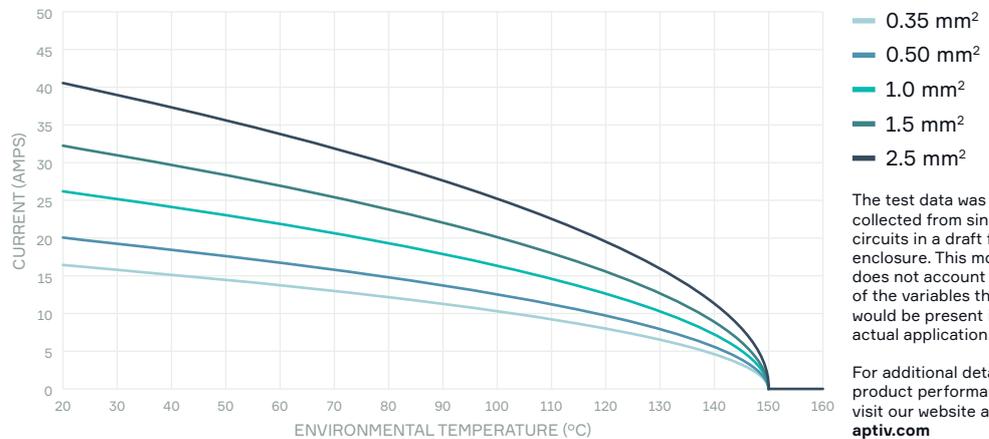
Type	Applicable Wire Size (mm <sup>2</sup> )	Color	Restraint Ring	Part Number
				
Cable Seal	0.35 - 1.0	Blue	Yes	15339967
Cable Seal	1.25 - 2.5	White	Yes	15339838
				
Cable Seal	0.35 - 0.75	Blue	No	15324974
Cable Seal	0.5 - 1.0	Red	No	15327786
Cable Seal	1.25 - 2.0	Red	No	15324973
Cable Seal	2.5	Yellow	No	10779161
Cavity Plug	N/A	Green	No	10730124
Cavity Plug	N/A	Red	No	12059168

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

## DERATING CURVES

Cable range: 0.35 - 2.5 mm<sup>2</sup>  
 Crimp method: Standard  
 Contact plating: Ag  
 Test method: Single circuit in free air\*  
 Mated to: Delphi header

\* 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.

For additional detailed product performance, visit our website at [aptiv.com](http://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-SP101-HDK-En1123