

# 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 <sup>2</sup> )	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 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 the future of mobility.

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Sealing	Gender	Plating	Wire size range (mm <sup>2</sup> )	Part number
Cable Sealed	F	SnAg	0.50 - 0.75	33232096
Cable Sealed	F	SnAg	1.0 - 1.5	33232097

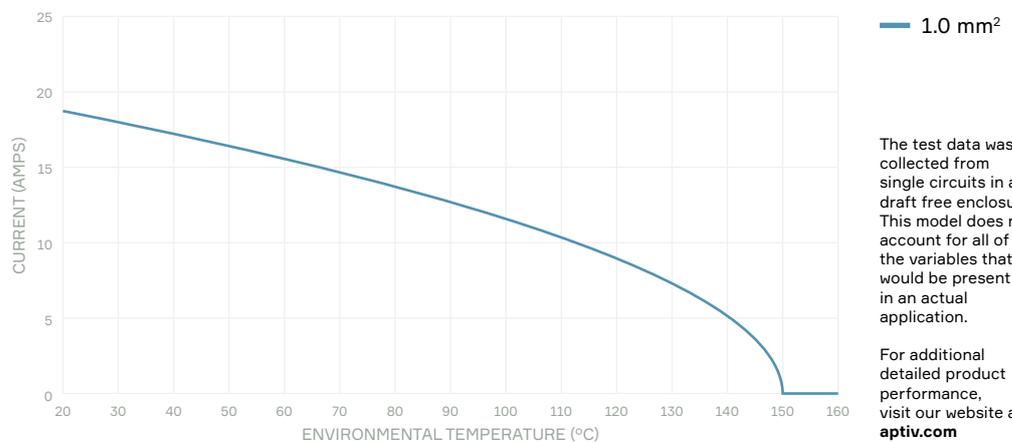
## COMPATIBLE SEALS

Type	Applicable wire size (mm)	Color	Part number
SWS	0.50 - 0.75	Grey	15327918
SWS	1.0 - 1.5	Maize	15339412

## DERATING CURVES

Cable range: 1.0 mm<sup>2</sup>  
 Crimp method: Standard  
 Contact plating: SnTop  
 Test method: Single circuit  
 in free air\*  
 Mated to: Delphi header

\* For reference only



## 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-En0221

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