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**Технические характеристики на  
автомобильные клеммы в разъемы,  
негерметичные, герметичные HDK, MTS,  
Weather-Pack, Metri-Pack, круглые Ring  
Terminal, кабельные уплотнители  
КОМПАНИИ **ARTIV PLC****

# 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

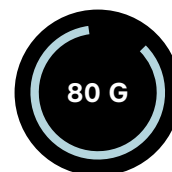
Contact Resistance	< 3 mΩ
Contact Mating Force	< 20 N / < 35 N
Contact Unmating Force	< 20 N / < 32 N
Mating Cycles	10 / 25
Cavity Pullout Force	> 80 N
Center Line Spacing	5 / 6 mm



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 the future of mobility.



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

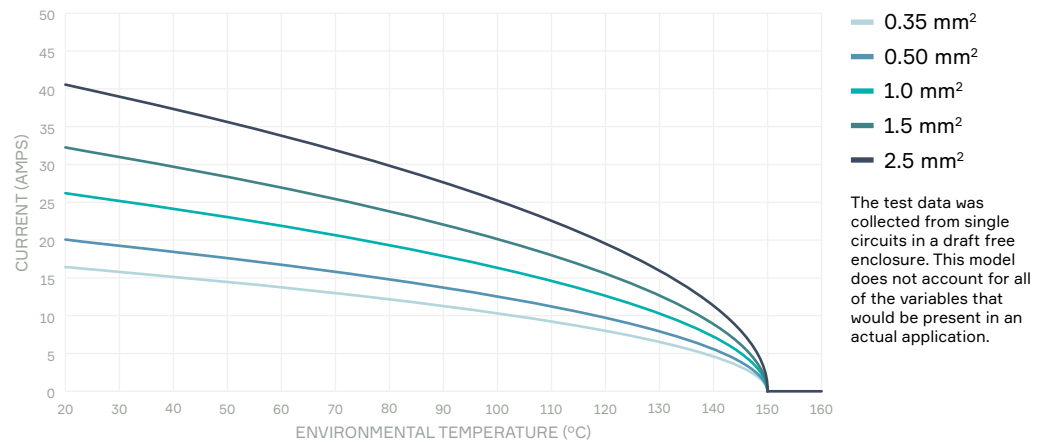
## COMPATIBLE SEALS

Type	Applicable wire size (mm)	Color	Part number
SWS	0.22 - 0.35; 0.5 - 1.0	Blue	10779162
SWS	1.0 - 2.5	Red-Brown	10779159
SWS	1.0 - 2.5	Yellow	10779161

## 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



## COMPATIBLE WITH



# 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

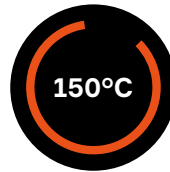
\* Single Wire Seal



## 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.



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

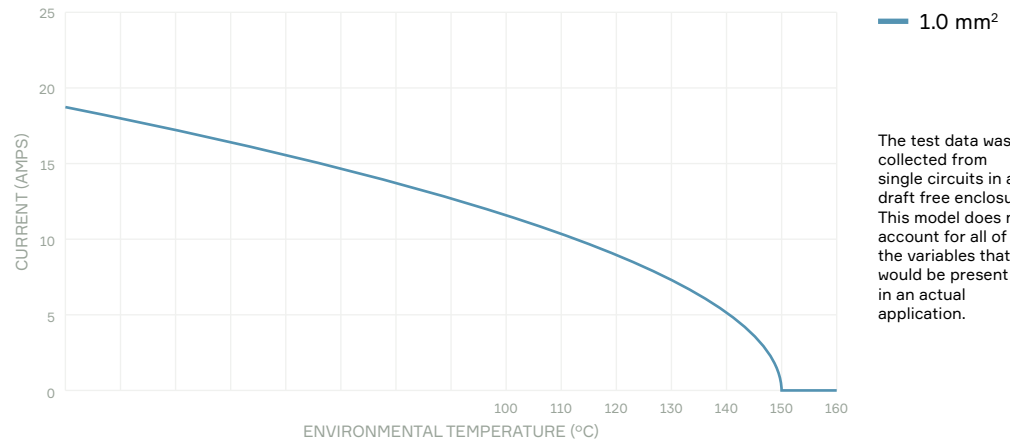
## COMPATIBLE SEALS

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



20 30 40 50 60 70 80 90

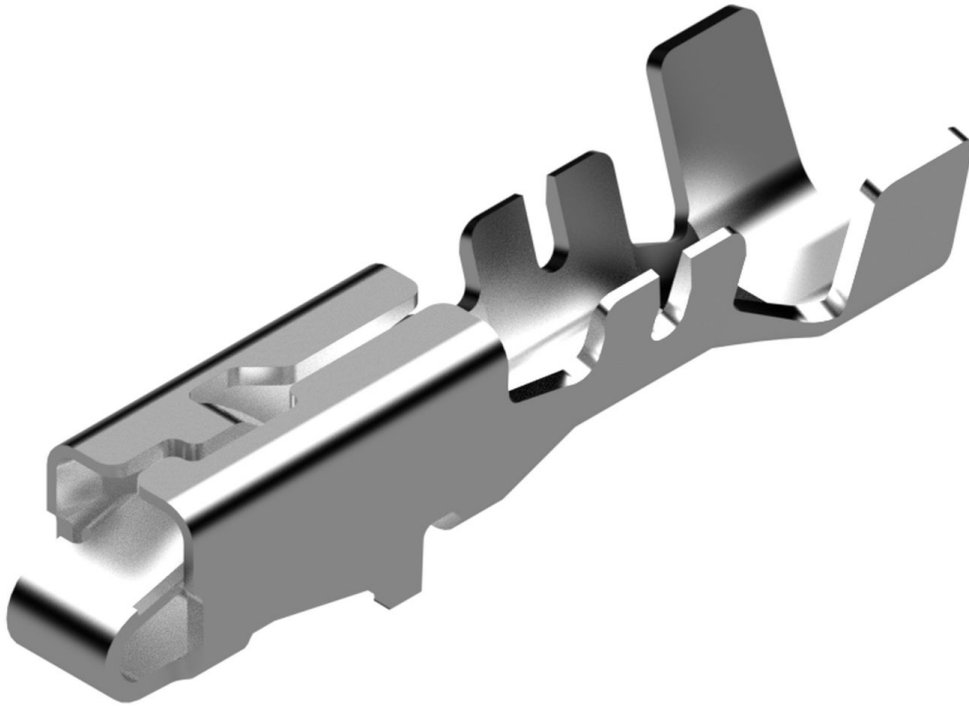
## COMPATIBLE WITH



# Metri-Pack Terminal Series

**Application:** Engine Powertrain

Metri-Pack terminals use common blade and box design with blade sizes ranging from 1.5mm to 8.0mm. These terminals are available for all common cable gauge sizes.



## Product Highlights

### FEATURES

- Robust Box and Blade Design
- Contact Tongue with Overstress Protection
- 3 contact electrical interface
- Cable Core Crimp Enhancement Features, Notches / Knurl & Stamped Serrations

# MTS 0.64 Series



Ring Terminal



Weather-Pack  
Terminal Series



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