

# APEX<sup>®</sup> 6.35 SERIES



APEX<sup>®</sup> 6.35 Female & Male Terminals

## BENEFITS

- Heavy-duty performance
- Highest current rating

## FEATURES

- Two-piece construction
- Integrated floating spring made of beryllium copper or copper nickel silicon



## AVAILABLE CONFIGURATIONS

Terminal Type	Box & Blade
Terminal Construction	Two-piece
Locking Mechanism	Tangless / Lanceless
Terminal Cavity	APEX <sup>®</sup>
Blade Size (mm)	6.35
Wire Gage Range (AWG)	20 - 8
Wire Gage Range (mm <sup>2</sup> )	0.5 - 8.0
Genders	Female, Male
Sealing Options	Unsealed, Cable Sealed
Plating Options	Sn, Sn/Ag, Ag

See back page for representative part numbers and packaging dimensions.



## CHARACTERISTICS

Contact Resistance < 2 mΩ

Contact Mating Force < 10 N

Contact Unmating Force < 5 N



MAX  
TEMP



MAX  
VIBRATION



MAX  
CURRENT



## APPLICATIONS

High current/high power unique applications

## 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 (AWG)	Wire size range (mm <sup>2</sup> )	Part number	Other available platings	Other available configurations
Unsealed	F	Sn	8	8.0	35213380	-	Greased/Ungreased ReRewind A, C
Unsealed	F	Sn	10	4.0 - 6.0	13843152	-	Greased/Ungreased ReRewind A, C
Unsealed	F	Sn	14 - 12	2.0 - 3.0	13600463	-	Greased/Ungreased ReRewind A, C
Unsealed	F	Sn	18 - 16	0.75 - 1.5	13965582	-	Greased/Ungreased ReRewind A, C
Unsealed	F	Sn	20 - 18	0.5 - 0.75	13872174	-	Greased/Ungreased ReRewind A, C
Unsealed	M	Sn	10	4.0 - 6.0	33386358	-	-
Cable Sealed	F	Sn	10	4.0 - 6.0	10863886	Ag	Greased/Ungreased, Rewind A, C
Cable Sealed	F	Sn	14 - 12	2.0 - 3.0	13658862	Ag	Greased/Ungreased ReRewind A, C
Cable Sealed	F	Sn	18 - 16	0.75 - 1.5	13673119	Ag	Greased/Ungreased ReRewind A, C

## COMPATIBLE SEALS

Type	Applicable Wire Size (mm <sup>2</sup> )	Color	Restraint Ring	Part Number
				
Cable Seal	0.75 - 1.25	Natural	No	15324997
Cable Seal	1.25 - 2.0	Red	No	15324995
Cable Seal	2.5 - 4.0	Gray	No	15324994
Cable Seal	4.0 - 6.0	Blue	No	15324996
				
Cable Seal	2.0 - 3.0	Black	Yes	35308322
Cavity Plug	N/A	Gray	Yes	35308324

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

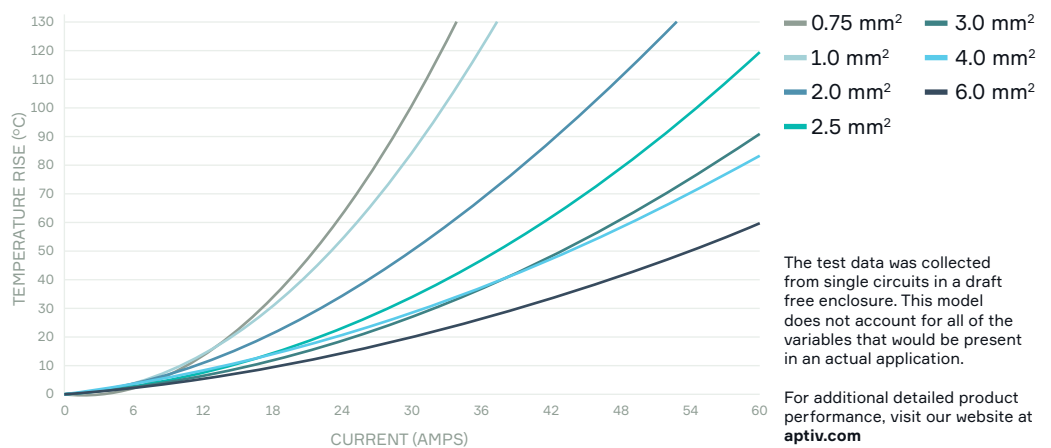
## TEMP RISE CURVE

### APEX® 6.3 FEMALE TERMINAL

Aptiv taxi: 13707625  
 Cable range: 0.75 - 6.0 mm<sup>2</sup>  
 Crimp method: Standard  
 Contact plating: Sn halt  
 Test method: Single circuit in free air\*

Mated to: Male terminal

\* 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)

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.

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