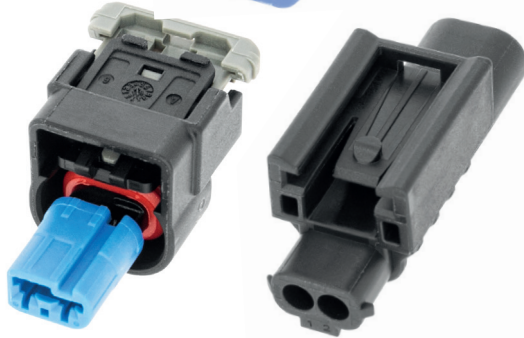


# APEX<sup>®</sup> 1.2 SensoMate<sup>™</sup> SERIES

APEX<sup>®</sup> 1.2 SensoMate<sup>™</sup>  
4W Female



APEX<sup>®</sup> 1.2 SensoMate<sup>™</sup>  
2W Female & Male

## BENEFITS

- Heavy-duty performance for engine vibration and temperature
- Highest current rating of APEX two-piece performance technology
- Ergonomic design including Connector Position Assurance (CPA)

## FEATURES

- Compatible with VDA (AK) 1.2 and USCAR 120 device interfaces (1.2 mm male blade)
- Compliant with Hyundai ES 91500-00/02
- Compliant with USCAR design guidelines and performance standards
- Compliant to Renault-Nissan-Mitsubishi RND5-B-00029 performance standards
- Terminal Position Assurance (TPA) based on Primary Lock Reinforcement (PLR) to detect partially installed terminals

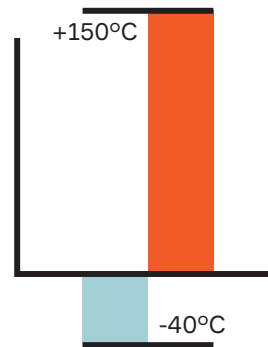


## AVAILABLE CONFIGURATIONS

Cavity Count (ways)	2, 3, 4, 5, 6
Cavity Configurations (mm)	1.2
Blade Size (mm)	1.2
Genders	Female, Male
Sealing Type	Cable Sealed
Centerline Spacing (mm)	4.0
TPA	PLR
CPA	Optional
High Temperature T5 (175°C)	Version available



## TEMPERATURE



## VIBRATION



## SEALING CLASS



## APPLICATIONS

On-engine sensors and actuators

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.

[VISIT APTIV.COM](https://www.aptiv.com) →



Cavity count	Gender	Dimensions W x H x D (mm)	Part number	Index	CPA	Color	Generation	Shroud Length	Other indexes offered
2	F	16.4 x 17.6 x 32.0	13806231	A	No	Black	One	Short (half)	B, C
2	F	17 x 16.45 x 28.3	33401217	A	No	Black	Two	Short (half)	B, C, D
2	F	17.4 x 16.45 x 28.3	33401221	A	Yes	Black	Two	Short (half)	B, C, D
2	F	17 x 16.45 x 28.3	33384128	A	No	Black	Two. Clip-Type	Long (full)	B, C, D
2	F	17.4 x 16.45 x 28.3	35050101	A	Yes	Black	Two. Clip-Type	Long (full)	B, C, D
2	F	17 x 16.45 x 28.3	33318607	A	No	Black	Two	Long (full)	B, C, D
2	F	17.4 x 16.45 x 28.3	33318611	A	Yes	Black	Two	Long (full)	B, C, D
2	F	17 x 16.45 x 28.3	35259417	A	No	Black	Two. High Temp T5	Long (full)	B, C
2	F	17.4 x 16.45 x 28.3	35259421	A	Yes	Black	Two. High Temp T5	Long (full)	B, C
3	F	19.3 x 17.6 x 31.0	13578335	A	No	Black	One	Short (half)	B, C, D
3	F	19.3 x 16.45 x 28.3	33242572	A	No	Black	Two	Short (half)	B, C, D
3	F	19.3 x 16.45 x 28.3	33242576	A	Yes	Black	Two	Short (half)	B, C, D
3	F	19.3 x 16.45 x 28.3	33317676	A	No	Black	Two	Long (full)	B, C, D
3	F	19.3 x 16.45 x 28.3	33317681	A	Yes	Black	Two	Long (full)	B, C, D
4	F	24.5 x 17.6 x 32.1	13820427	A	No	Black	One	Short (half)	B, C, D
4	F	24.6 x 17.7 x 28.3	33218537	A	No	Black	One	Short (half)	B, C, D
4	F	24.6 x 17.6 x 28.3	35172690	A	No	Black	Two	Long (full)	B, C, D
4	F	24.6 x 17.6 x 28.3	35172708	A	Yes	Black	Two	Long (full)	B, C, D
5	F	28.6 x 17.6 x 28.7	35023342	A	No	Black	Two	Short (half)	B, C, D
5	F	28.6 x 17.6 x 28.7	35032599	A	Yes	Black	Two	Short (half)	B, C, D
5	F	28.6 x 17.6 x 28.7	33241268	A	No	Black	Two	Long (full)	B, C, D
5	F	28.6 x 17.6 x 28.7	33241269	A	Yes	Black	Two	Long (full)	B, C, D
5	F	28.6 x 17.6 x 28.7	35288140	A	No	Black	Two. High Temp T5	Short (half)	B, C, D
5	F	28.6 x 17.6 x 28.7	35288144	A	Yes	Black	Two. High Temp T5	Short (half)	B, C, D
6	F	32.6 x 17.65 x 28.45	33355813	A	No	Black	Two	Long (full)	B, C, D
6	F	32.6 x 17.65 x 28.45	333556199	A	Yes	Black	Two	Long (full)	B, C, D
2	M	12.6 x 13.45 x 43.4	33219402	A	x	Black	One	NA	B, C, D
3	M	15.2 x 13.45 x 43.4	33355759	A	x	Black	One	NA	B, C, D
4	M	21.9 x 18.7 x 43.4	35078036	A	x	Black	One	NA	B, C, D

## COMPATIBLE SEALS & PLUGS

Type	Applicable wire size (mm <sup>2</sup> )	Color	Part number
Cable Seal	0.35	Tan	33511987
Cable Seal	0.50 - 0.75	Green	33402838
Cable Seal	1.00 - 1.25	Rust Red	13898958
Cavity Plug	N/A	Green	13898957

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

## 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-SP34-APEX-En0919

**• APTIV •**

aptiv.com | © 2019 Aptiv. All rights reserved

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Automotive Connectors](#) category:*

*Click to view products by [APTIV](#) manufacturer:*

Other Similar products are found below :

[003-018-000](#) [60403001](#) [60993906-B](#) [M902-2131](#) [M902-2161](#) [72.330.1035.1](#) [73.353.4028.0](#) [F119300-B](#) [F166900](#) [F258300-B](#) [F358300-B](#)  
[F407400](#) [F444110](#) [F487000](#) [F509500B-B](#) [827153-1](#) [8N1515-32-24P](#) [9-1326729-8](#) [925474-1](#) [928905-1](#) [964562-4](#) [968782-1](#) [GT17SA-8DS-](#)  
[HU](#) [98891-1012](#) [98947-1016](#) [12004475-L](#) [12010290](#) [12010309-B](#) [12015454](#) [12020219-B](#) [12020308](#) [12041318-B](#) [12052225-L](#) [12052466](#)  
[12059125](#) [12064869](#) [12004327-B](#) [12010503-B](#) [12015308](#) [12015384](#) [12015909](#) [1-21030-1](#) [12041254](#) [12041318](#) [12047946-B](#) [12047957](#)  
[12047957-L](#) [12059473](#) [12066261](#) [12110546](#)