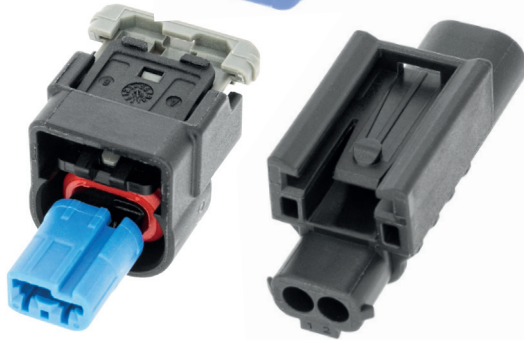


# APEX<sup>®</sup> 1.2 SensoMate<sup>™</sup> SERIES

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.

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| Cavity count | Gender | Dimensions<br>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

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