

# OCS 1.5 SEALED SERIES



OCS 1.5 Sealed  
Female & Male Terminals

## BENEFITS

- Cavity compatible with industry standards and/or major OEM cavity preferences
- Wide range of crimp sizes with Aptiv proven crimp technology
- Meets or exceeds major OEM test protocols and requirements
- Contact tongue overstress and nose protection
- High performance copper alloy
- One-piece terminal construction

## FEATURES

- 6+ sigma projected reliability at 150,000 miles (241,401 km)
- Available in slippery tin plating to minimize terminal engage
- Up to 38% less material than the competition
- For use in 1.5 cable sealed applications



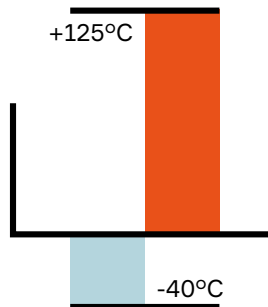
## AVAILABLE CONFIGURATIONS

|                                    |                      |
|------------------------------------|----------------------|
| Terminal Type                      | Box & Blade          |
| Locking Mechanism                  | Tangless / Lanceless |
| Crimp Validated to                 | USCAR-21             |
| Blade Size (mm)                    | 1.5                  |
| Wire Gage Range (AWG)              | 21 - 15              |
| Wire Gage Range (mm <sup>2</sup> ) | 0.35 - 1.5           |
| Genders                            | Female, Male         |
| Sealing Options                    | Cable Sealed         |
| Plating Options                    | Sn, Ag               |

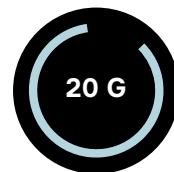
See back page for representative part numbers and packaging dimensions.



## TEMPERATURE



## VIBRATION



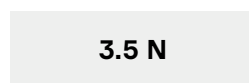
## MAX CURRENT



with 1.5 mm<sup>2</sup>



## CONTACT MATING FORCE



## About Aptiv

Aptiv is a global technology company that develops safer, greener and more connected solutions enabling the future of mobility. Headquartered in Dublin, Aptiv has approximately 150,000 employees and operates 14 technical centers, as well as manufacturing sites and customer support centers in 45 countries.

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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 |
|--------------|--------|---------|-----------------------|------------------------------------|-------------|--------------------------|--------------------------------|
| Cable Sealed | F      | Sn      | 15                    | 1.25 - 1.5                         | 35138798    | Ag                       | N/A                            |
| Cable Sealed | F      | Sn      | 17                    | 0.75 - 1.0                         | 35138799    | Ag                       | N/A                            |
| Cable Sealed | F      | Sn      | 21                    | 0.35 - 0.50                        | 35138800    | Ag                       | N/A                            |
| Cable Sealed | F      | Sn      | 21                    | 0.35 - 0.50                        | 35138801    | Ag                       | N/A                            |
| Cable Sealed | M      | Sn      | 17                    | 0.75 - 1.0                         | 13964786    | Ag                       | N/A                            |
| Cable Sealed | M      | Sn      | 21                    | 0.35 - 0.50                        | 13964785    | Ag                       | N/A                            |
| Cable Sealed | M      | Sn      | 21                    | 0.35 - 0.50                        | 13964784    | Ag                       | N/A                            |

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

## COMPATIBLE SEALS

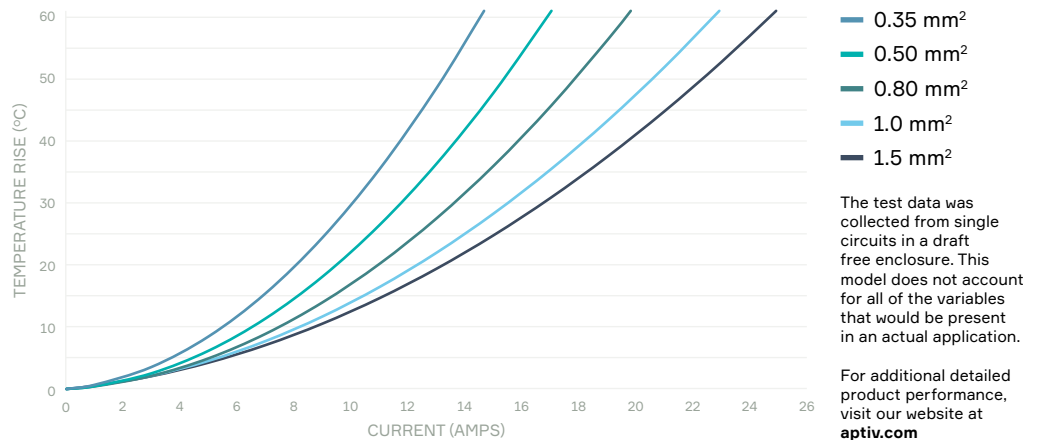
| Type       | Applicable wire size (mm <sup>2</sup> ) | Color | Part number |
|------------|---|-------|-------------|
| Cable Seal | 1.25 - 1.5                              | Gray  | 13834614    |
| Cable Seal | 0.75 - 1.0                              | Blue  | 13834623    |
| Cable Seal | 0.35 - 0.50                             | Red   | 13834630    |

## TEMP RISE CURVE

### OCS 1.5 Sealed Series Female Terminal

Aptiv taxi: 13887280  
 Cable range: 0.35 - 1.5 mm<sup>2</sup>  
 Crimp method: Standard  
 Contact plating: Sn  
 Test method: Single circuit in free air\*  
 Mated to: OCS 1.5 male terminals

\* 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-SP87-OCS-En0519