

# SICMA 0.64 SERIES



SICMA 0.64  
Female & Male Terminals

## BENEFITS

- Optimized design to keep stable contact pressure
- Standard terminal cavity compatibility

## FEATURES

- Clean body design, preventing tearing of mat seal
- One-piece construction with high pressure contact
- Two crimping gauges for strong slow motion and vibration performance



## AVAILABLE CONFIGURATIONS

|                                    |                      |
|------------------------------------|----------------------|
| Terminal Construction              | One-piece            |
| Locking Mechanism                  | Tangless / Lanceless |
| Crimp Validated to                 | RSA                  |
| Blade Size (mm)                    | 0.64                 |
| Wire Gage Range (AWG)              | 24 - 20              |
| Wire Gage Range (mm <sup>2</sup> ) | 0.22 - 0.75          |
| Genders                            | Female, Male         |
| Sealing Options                    | Unsealed, Mat Sealed |
| Plating Options                    | Sn, Au               |
| Mating Tab Dimension (mm)          | 0.64 x 0.9           |

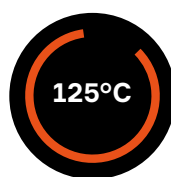
See back page for representative part numbers and packaging dimensions.



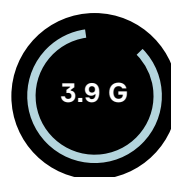
## TECHNICAL CHARACTERISTICS

|                        |         |
|------------------------|---------|
| Contact Resistance     | < 6 mΩ  |
| Contact Mating Force   | < 3 N   |
| Contact Unmating Force | > 0.8 N |
| Mating Cycles          | 10      |
| Cavity Pullout Force   | > 80 N  |
| Center Line Spacing    | 2.5 mm  |

MAX  
TEMP



MAX  
VIBRATION



MAX CURRENT  
AT 23°C



## About Aptiv

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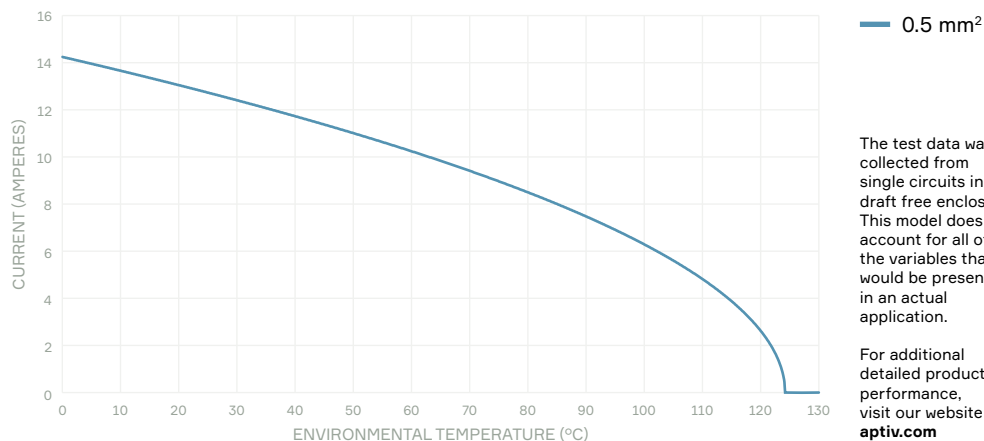
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| Sealing  | Gender | Plating | Wire size range (AWG) | Wire size range (mm <sup>2</sup> ) | Part number | Other available platings |
|----------|--------|---------|-----------------------|------------------------------------|-------------|--------------------------|
| Unsealed | F      | Sn      | 24 - 20               | 0.22 - 0.5                         | 33504063    | Au                       |
| Unsealed | F      | Sn      | 22 - 18               | 0.35 - 0.75                        | 10811966    | Au                       |
| Unsealed | M      | Sn      | 24 - 20               | 0.22 - 0.5                         | 10811967    | Au                       |
| Unsealed | M      | Sn      | 22 - 18               | 0.35 - 0.75                        | 10819388    | Au                       |

## DERATING CURVE

Cable range: 0.22 - 0.75 mm<sup>2</sup>  
 Crimp method: Standard  
 Contact plating: Sn  
 Test method: Single circuit in free air\*  
 Mated to: MicroSICMA Male Tab

\* 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.