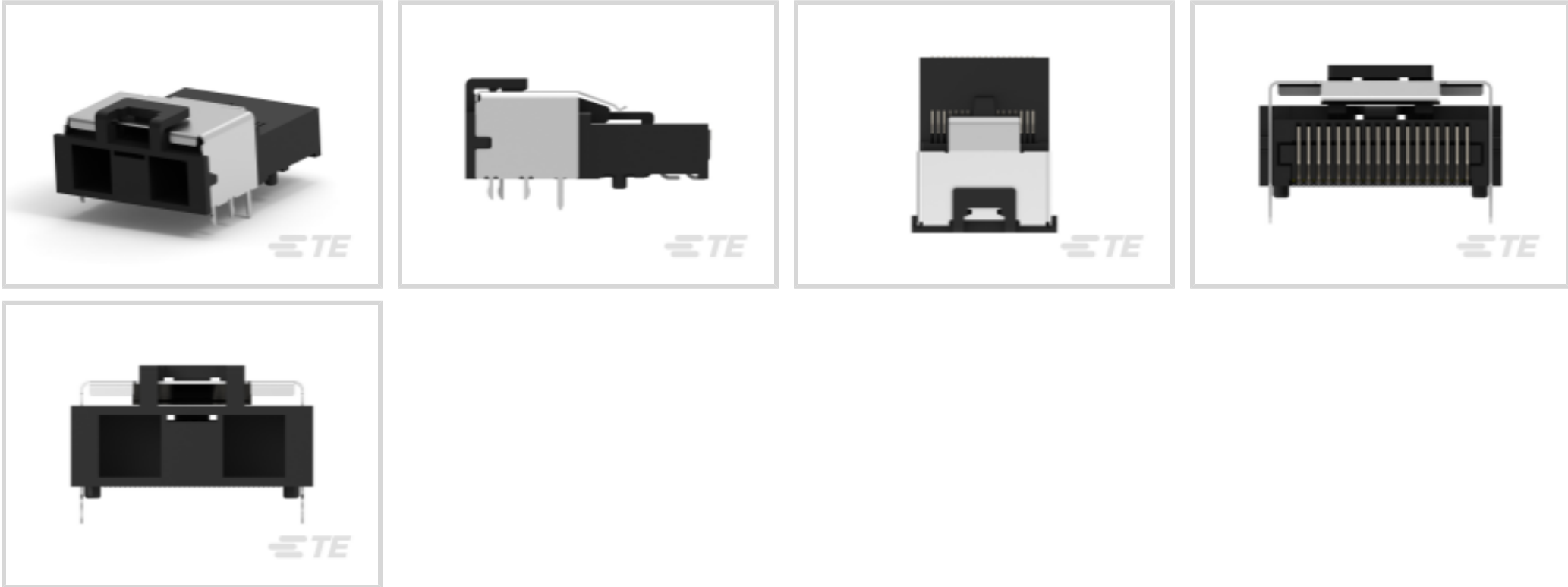


Mini-SAS

TE Internal #: 1888019-4  
Mini-SAS, Receptacle, Cable-to-Board, 36 Position, 2 Row, 1 Port,  
Right Angle, Surface Mount, .031 in [.8 mm] Centerline, Mini-SAS  
[View on TE.com >](#)



Connectors > PCB Connectors > SAS & MiniSAS > Mini-SAS Shielded Receptacle Assemblies



SAS Connector Type: **Mini-SAS**  
Connector & Housing Type: **Receptacle**  
Connector System: **Cable-to-Board**  
Number of Positions: **36**  
Number of Rows: **2**

[All Mini-SAS Shielded Receptacle Assemblies \(19\)](#)

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Shell                             | With                  |
| SAS Connector Type                | Mini-SAS              |
| Connector & Housing Type          | Receptacle            |
| Connector System                  | Cable-to-Board        |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

|                       |             |
|-----------------------|-------------|
| Key Type              | 2           |
| Stackable             | No          |
| Number of Positions   | 36          |
| Number of Rows        | 2           |
| Number of Ports       | 1           |
| PCB Mount Orientation | Right Angle |



Contact Features

|                                      |                 |
|--------------------------------------|-----------------|
|                                      | 30 µin          |
| Contact Mating Area Plating Material | Gold            |
| Contact Base Material                | Phosphor Bronze |
| Contact Current Rating (Max)         | .5 A            |

Termination Features

|                                             |               |
|---------------------------------------------|---------------|
| Termination Post & Tail Length              | 3 mm[.118 in] |
| Termination Method to Printed Circuit Board | Surface Mount |

Mechanical Attachment

|                          |                        |
|--------------------------|------------------------|
| PCB Mount Retention      | With                   |
| PCB Mount Retention Type | Retention Solder Tails |
| Connector Mounting Type  | Board Mount            |

Housing Features

|                    |                |
|--------------------|----------------|
| Centerline (Pitch) | .8 mm[.031 in] |
|--------------------|----------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| High Temperature Housing    | Yes                        |
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 125         |
| Packaging Method   | Tape & Reel |

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                                                                                                                       |
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                       |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>Does not contain REACH SVHC |

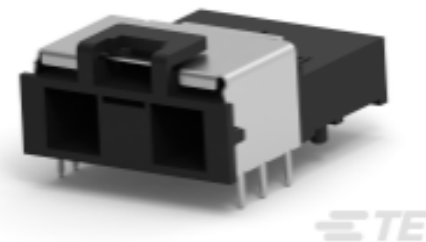


|                           |                                                |
|---------------------------|------------------------------------------------|
| Halogen Content           | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Reflow solder capable to 260°C                 |

Product Compliance Disclaimer

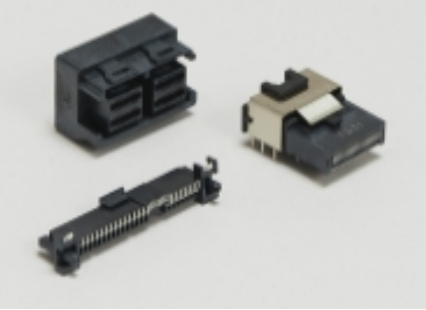
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 1888019-6  
[Shielded Right Angle Receptacle](#)

Also in the Series | Mini-SAS



[SAS & MiniSAS\(30\)](#)

Documents

Product Drawings  
[Shielded Right Angle Receptacle](#)  
English

CAD Files  
Customer View Model  
[ENG\\_CVM\\_CVM\\_1888019-4\\_A1.2d\\_dxf.zip](#)  
English



3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1888019-4\_A1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1888019-4\_A1.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English