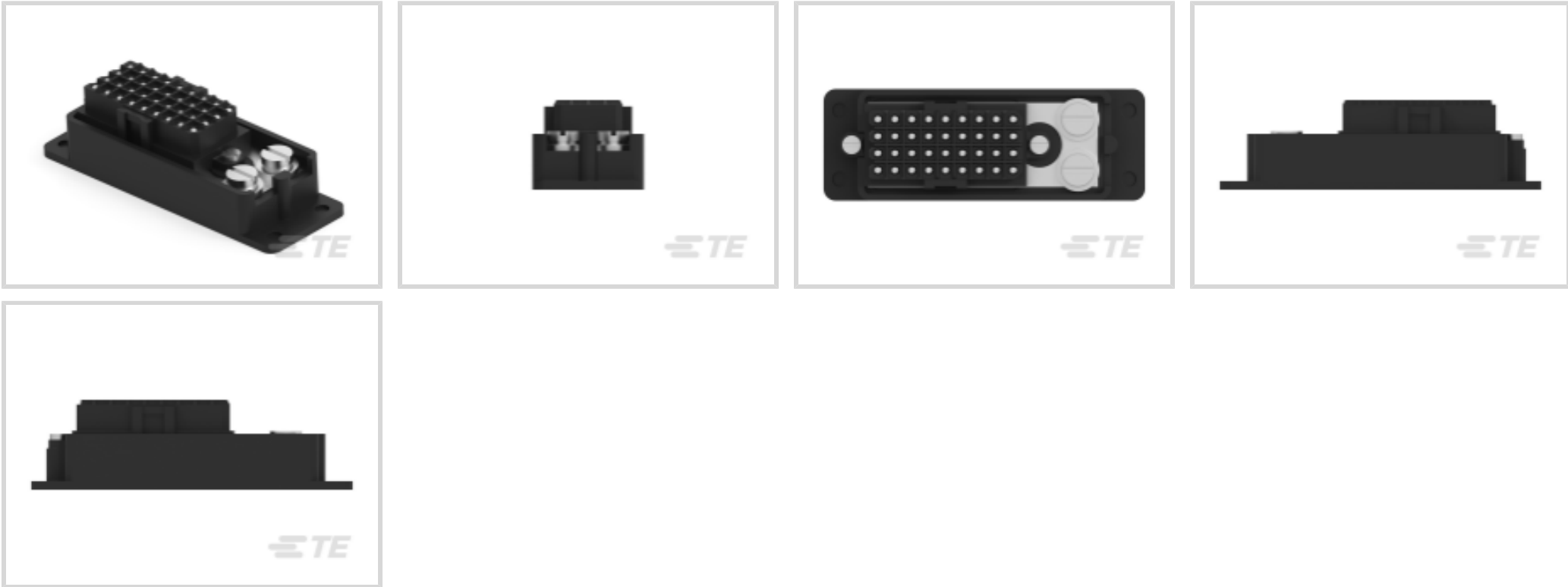




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**  
Connector & Housing Type: **Plug**  
Mating Alignment: **With**  
Mating Alignment Type: **Polarization Slot**  
Mating Retention: **With**

Features

Product Type Features

|                                   |                    |
|-----------------------------------|--------------------|
| Connector Type                    | Connector Assembly |
| Connector Product Type            | Connector Assembly |
| Connector & Housing Type          | Plug               |
| Connector System                  | Wire-to-Board      |
| Insertion Force Type              | Normal             |
| Sealable                          | No                 |
| Connector & Contact Terminates To | Bus Bar            |

Configuration Features

|                     |         |
|---------------------|---------|
| Bus Configuration   | Full    |
| Number of Positions | 36      |
| Number of Rows      | 4       |
| Panel Gasket        | Without |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VDC |
|-------------------|---------|



Contact Features

|                                               |               |
|-----------------------------------------------|---------------|
| Contact Layout                                | Matrix        |
| Contact Type                                  | Socket        |
| Contact Transmits (Typical)                   | Signal (Data) |
| Contact Underplating Material                 | Nickel        |
| PCB Contact Termination Area Plating Material | Tin           |
| Contact Mating Area Plating Material          | Tin           |
| Contact Retention Within Housing              | Without       |
| Contact Current Rating (Max)                  | 7.5 A         |

Termination Features

|                                    |                |
|------------------------------------|----------------|
| Termination Method to Wire & Cable | Crimp Terminal |
|------------------------------------|----------------|

Mechanical Attachment

|                         |                   |
|-------------------------|-------------------|
| Mating Alignment        | With              |
| Mating Alignment Type   | Polarization Slot |
| Mating Retention        | With              |
| Mating Retention Type   | Locking Tab       |
| Connector Mounting Type | Panel Mount       |

Housing Features

|                    |               |
|--------------------|---------------|
| Housing Color      | Black         |
| Housing Material   | Thermoplastic |
| Centerline (Pitch) | 5 mm[.197 in] |

Dimensions

|                    |               |
|--------------------|---------------|
|                    | 3.744 in      |
| Row-to-Row Spacing | 5 mm[.197 in] |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 130 °C[-67 – 266 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |                    |
|---------------------|--------------------|
| For Use With        | Receptacle Housing |
| Shielded            | No                 |
| Circuit Application | Power & Signal     |

Industry Standards

|                 |         |
|-----------------|---------|
| Agency/Standard | CSA, UL |
|-----------------|---------|



|                        |                       |
|------------------------|-----------------------|
| UL Rating              | Certified, Recognized |
| VDE Tested             | Yes                   |
| UL File Number         | E28476                |
| UL Flammability Rating | UL 94V-0              |

Packaging Features

|                    |        |
|--------------------|--------|
| Packaging Quantity | 52     |
| Packaging Method   | Carton |

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: JUL 2021 (219)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| Halogen Content                               | Not Yet Reviewed for halogen content                                                                                                     |
| Solder Process Capability                     | Wave solder capable to 265°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 # 207019-1  
METRIMATE PLUG,36 POS

TE Part # 208063-6  
SKT ASSY,36P,MMATE LF

Also in the Series | AMP Metrimate

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(83)

Rectangular Boots & Strain Relief(5)

Rectangular Connector Hardware(3)

Rectangular Connector Housings(35)

Rectangular Connector Keying Plugs(1)

Rectangular Contact Inserts(4)

Rectangular Power Connectors(2)

Standard Rectangular Connectors(5)

Customers Also Bought

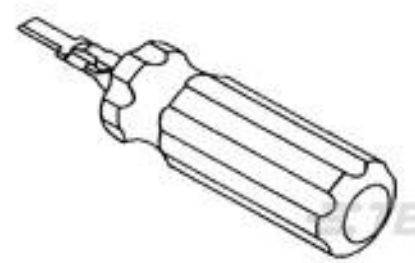
TE Part #330896  
TERMINAL,PIDG R 16-14HD 3/8

TE Part #53434-1  
AMPPOWER QUICK DISC 400MCM

TE Part #91523-1  
CCII TYPE III+ PIN SKT 24-16 ASSY

TE Part #33468  
TERMINAL,SOLIS R 4 10



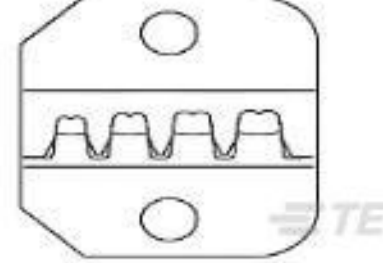


TE Part #305183-8  
ET TYPE IV #20



TE Part #34945  
SPLICE,PG BUTT 12-10

TE Part #59131  
HEAVY DUTY HT, SOLIS #4



TE Part #91912-5  
PREM SDE DIE,MINI COAXICON

Documents

Product Drawings

SKT ASSY,36 POSN,METRIMATE

English

CAD Files

Customer View Model

ENG\_CVM\_208063-5\_G.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_208063-5\_G.2d\_dxf.zip

English

3D PDF

English

Customer View Model

ENG\_CVM\_208063-5\_G.3d\_igs.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_208063-5\_V.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_208063-5\_V.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_208063-5\_V.3d\_stp.zip

English

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Datasheets & Catalog Pages

METRIMATE\_PIN\_SOCKET\_CATALOG

English