

MINI-BOX RCPT ASSY 70P SEALED

✓ ACTIVE

AMP

TE Part # 1-530745-7
TE Internal #: 1-530745-7
Mil-Spec: [M55302/119-06]
[View on TE.com >](#)



Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**
PCB Mount Orientation: **Vertical**
Number of Positions: **70**
Centerline (Pitch): **1.27 mm [.05 in]**
Row-to-Row Spacing: **3.81 mm [.15 in]**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| PCB Connector Assembly Type | PCB Mount Receptacle |
| Sealable | Yes |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|-----------------------|----------|
| Number of Rows | 2 |
| Stackable | No |
| PCB Mount Orientation | Vertical |
| Number of Positions | 70 |

Body Features

| | |
|-----------|------------------------------|
| Post Size | .20 x .46 mm[.008 x .018 in] |
|-----------|------------------------------|

Contact Features

| | |
|---|------------------|
| Contact Layout | Staggered |
| PCB Contact Termination Area Plating Material | Tin-Lead |
| Contact Base Material | Beryllium Copper |
| Contact Mating Area Plating Material | Gold |
| | 50 μin |
| Contact Type | Socket |

Termination Features

| |
|--|
| |
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| | |
|---|----------------------------------|
| Termination Post & Tail Length | 3.56 mm, 4.83 mm[.14 in][.19 in] |
| Termination Method to Printed Circuit Board | Through Hole |
| Termination Post Length | 3.56 mm, 4.83 mm[.19 in] |

Mechanical Attachment

| | |
|-----------------------|-----------|
| Mating Alignment | With |
| Mating Alignment Type | Polarized |
| PCB Mount Retention | Without |

Housing Features

| | |
|--------------------|------------------------------|
| Centerline (Pitch) | 1.27 mm[.05 in] |
| Housing Color | Gray |
| Housing Material | LCP (Liquid Crystal Polymer) |

Dimensions

| | |
|--------------------|----------------------------------|
| Connector Height | 5.46 mm[.215 in] |
| Row-to-Row Spacing | 3.81 mm[.15 in] |
| Tail Length | 3.55 mm, 4.82 mm[.14 in][.19 in] |

Operation/Application

| | |
|--------------------------|------|
| Assembly Process Feature | None |
|--------------------------|------|

Packaging Features

| | |
|--------------------|---------|
| Packaging Quantity | 6 |
| Packaging Method | Package |

Other

| | |
|---------|-------------------------------------|
| Comment | Also see 530745-6 unsealed version. |
|---------|-------------------------------------|

Product Compliance

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

| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Not Compliant |
| EU ELV Directive 2000/53/EC | Not Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197) |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per |

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homogenous material. Also BFR/CFR/PVC Free

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Customers Also Bought



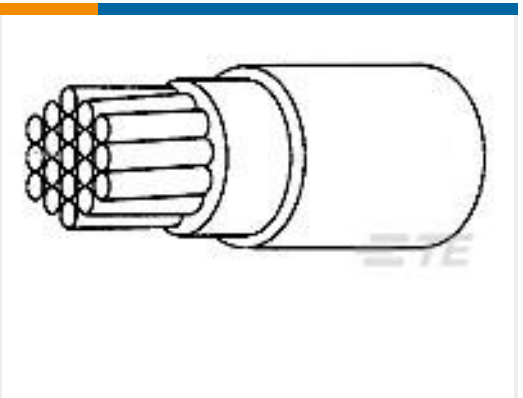
TE Part #9027583001
100G0111-0.60-5



TE Part #1-530745-3
MINI-BOX RCPT ASSY 30P SEALED



TE Part #1-530743-7
MINI BOX PIN HDR ASY 70 PS RA



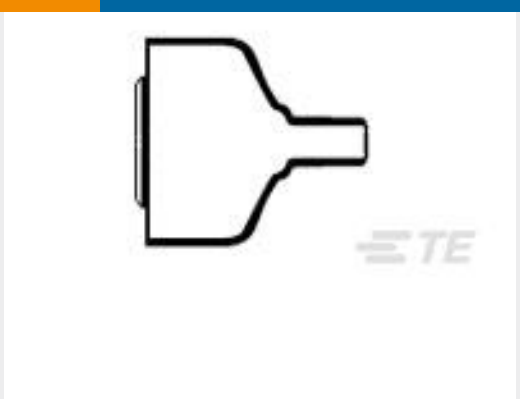
TE Part #6272953001
100G0111-0.40-5



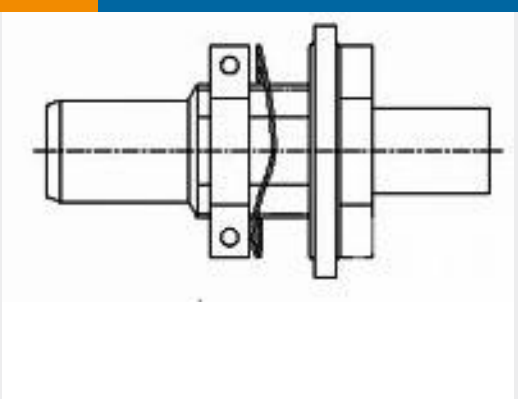
TE Part #7869103001
100G0111-0.60-3



TE Part #211538-1
AMPLIMITE,ASY,RCPT,FB, 90,3



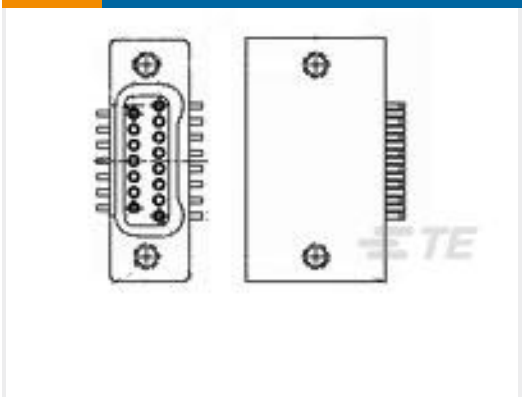
TE Part #139692-000
214A011-100-0



TE Part #682615-000
DK-621-0412-US



TE Part #YDTS26Z23-35PBV001
PLUG ASSY



TE Part #5-1589484-5
STM037L44KN = SMT CONN



Documents

Product Drawings

MINI-BOX RCPT ASSY 70P SEALED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-530745-7_AC.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-530745-7_AC.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-530745-7_AC.3d_stp.zip

English

Datasheets & Catalog Pages

Products for Aerospace and Defense

English