

103455-1 ✓ ACTIVE

AMPMODU | AMPMODU IV/V

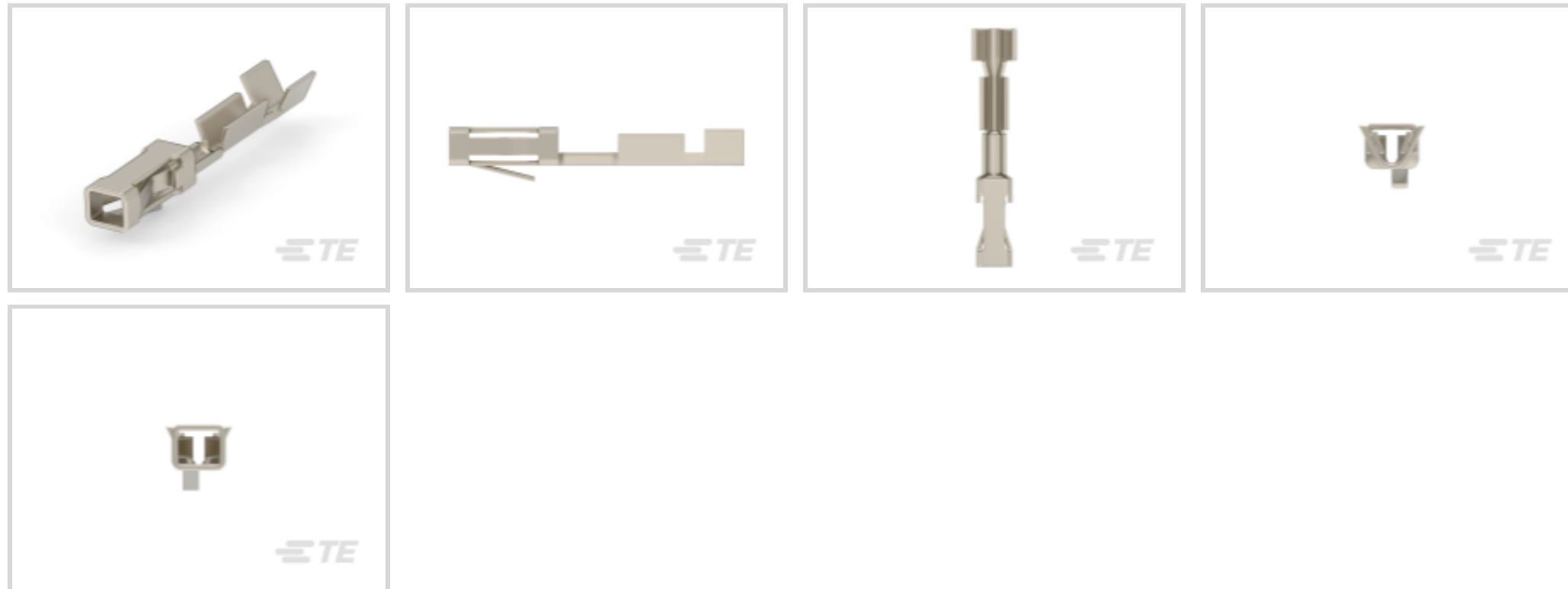
TE Internal #: 103455-1

Socket Contact, Gold, 250 VAC, Locking Lance Contact Retention, .
64mm Contact Size, Discrete Wire, 32 – 27 AWG Wire Size,
AMPMODU IV/V

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

Wire Contact Termination Area Plating Material: **Gold Flash**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Industry Standards

| | |
|---------------------------------------------|-----------------------|
| Compatible With Approved Standards Products | UL E28476, CSA LR7189 |
|---------------------------------------------|-----------------------|

Packaging Features

| | |
|--------------------|-------|
| Packaging Quantity | 12500 |
| Packaging Method | Reel |

Product Type Features

| | |
|--------------------|----------|
| Discrete Wire Type | Stranded |
| Applied Pressure | High |
| Sealable | No |

Dimensions

| | |
|--------------------------------------|-----------------------------|
| Compatible Insulation Diameter Range | .5 – 1.02 mm [.02 – .04 in] |
| Wire Size | 59.2 – 197.35 CMA |

Mechanical Attachment

| | |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|



Contact Retention Type Within Housing

Locking Lance

Electrical Characteristics

Termination Resistance

12 mΩ

Insulation Resistance

5000 MΩ

Dielectric Withstanding Voltage (Max)

750 V

Operating Voltage

250 VAC

Contact Features

Contact Underplating Material

Nickel

Contact Orientation

Straight

Contact Underplating Material Thickness

1.27 μm[50 μin]

Contact Mating Area Plating Material Thickness

.76 μm[30 μin]

Mating Square Post Dimension

.64 mm[.025 in]

Contact Length

11.3 mm[.445 in]

Barrel Type

Open

Contact Type

Socket

Contact Mating Area Plating Material

Gold

Wire Contact Termination Area Plating Material

Gold Flash

Contact Retention Within Housing

With

Contact Size

.64mm

Contact Base Material

Phosphor Bronze

Contact Current Rating (Max)

3 A

Configuration Features

Compatible With Wire & Cable Type

Discrete Wire

Termination Features

Termination Method to Wire & Cable

Crimp

Product Terminates To

Wire & Cable

Usage Conditions

Operating Temperature Range

-65 – 105 °C[-85 – 221 °F]

Operation/Application

Circuit Application

Power & Signal

Other

EU RoHS Compliance

Compliant



EU ELV Compliance

Compliant

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

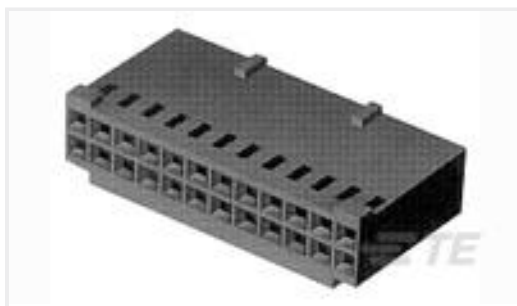
| | |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability |

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 # 87977-8
20 MODIV HSG DR MRKD .100 POL



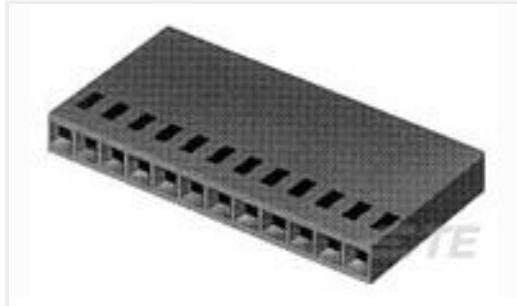
TE Part # 102387-5
24 MODIV HSG COMP DR .100 POL



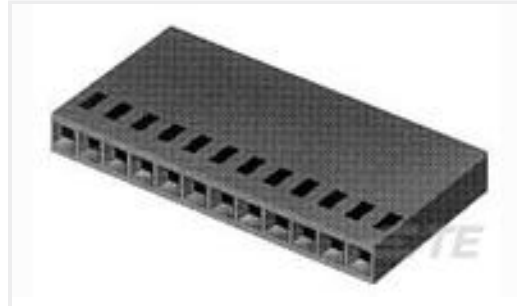
TE Part # 102241-6
08 MODIV HSG COMP SR .100 POL



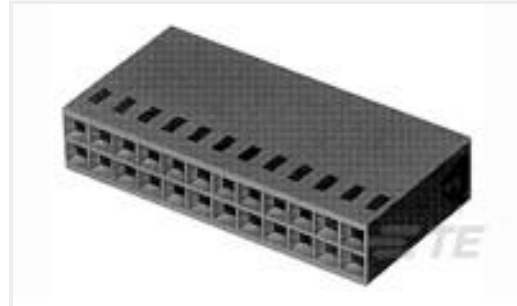
TE Part # 102387-7
30 MODIV HSG COMP DR .100 POL



TE Part # 1-87499-0
05 MODIV HSG COMP SR .100CL



TE Part # 87499-4
02 MODIV HSG COMP SR .100CL



TE Part # 87456-6
10 MODIV HSG DR MRKD .100CL



TE Part # 102387-6
26 MODIV HSG COMP DR .100 POL



TE Part # 102387-9
40 MODIV HSG COMP DR .100 POL



TE Part # 87456-1
06 MODIV HSG COMP DR .100CL



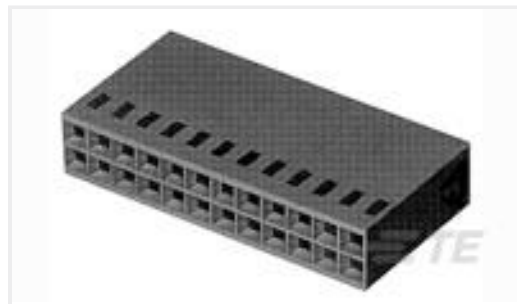
TE Part # 102387-4
20 MODIV HSG COMP DR .100 POL



TE Part # 102387-2
14 MODIV HSG COMP DR .100 POL



TE Part # 87977-1
06 MODIV HSG DR MRKD .100 POL



TE Part # 1-86177-3
12 MODIV HSG COMP DR .100CL

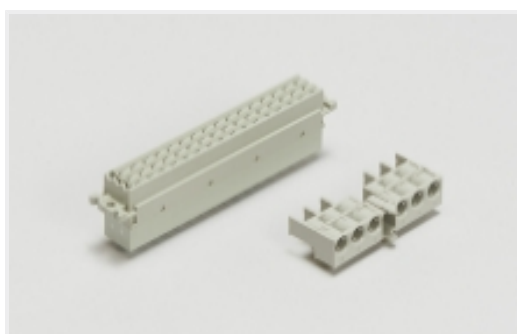


TE Part # 4-87456-9
04 MODIV HSG COMP DR .100CL



TE Part # 102241-4
06 MODIV HSG COMP SR .100 POL

Also in the Series | AMPMODU IV/V



Backplane Connector Housings(1)



Connector Caps & Covers(11)



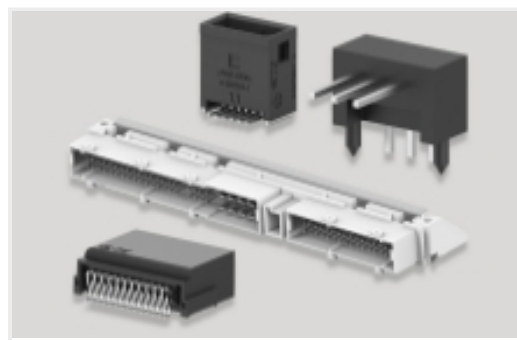
Connector Contacts(271)



Connector Hardware(11)



Insertion & Extraction Tools(4)



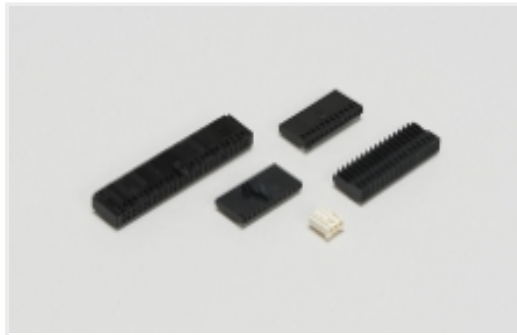
PCB Headers & Receptacles(517)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(3)



Wire-to-Board Connector Assemblies & Housings(394)

Customers Also Bought



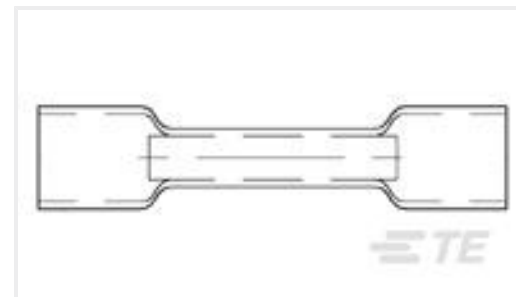
TE Part #205839-3
CPC PLUG ASSEMBLY SIZE 17-28



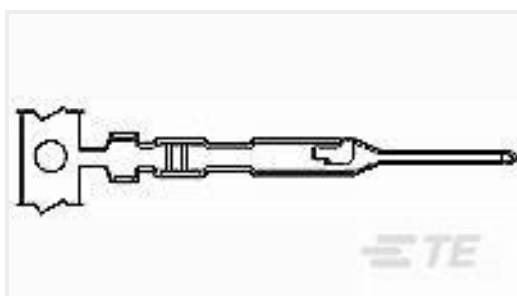
TE Part #103653-1
02 MTE SHRD PIN HSG SR LATCH



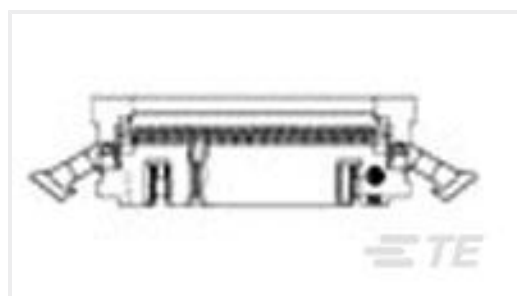
TE Part #1-480425-0
04P CMNL PLUG HSG P/M NATL



TE Part #603502-3
PRE-INSUL SEALED SPLICE 22-16



TE Part #5-104506-4
MTE PIN 28-32 AWG PLTD



TE Part #1-111504-5
014 UNIV I/O 30DP NO EARS LTCH



TE Part #1-794406-0
MINI UMNL SOK 20-16 AWG AU LF



TE Part #1-794607-2
MICRO MNL RPT CNT STRP 30AU LF



TE Part #2008625-2
Socket Micro MNL, GOLD 22-18

Documents



Product Drawings

[MOD V RECP PLTD 30 AU](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_103455-1_AB_c-103455-1-ab.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_103455-1_AB_c-103455-1-ab.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_103455-1_AB_c-103455-1-ab.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT](#)

English

[1-1773720-9_AMPMODU_MOD_IV_V_QRG](#)

English

Product Specifications

[Application Specification](#)

English