166309-3 ✔ ACTIVE

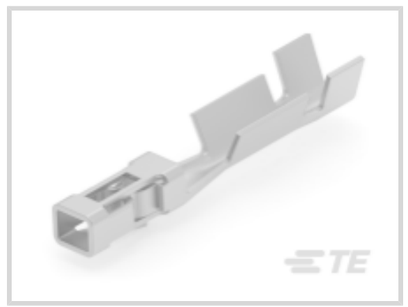
AMPMODU | AMPMODU IV/V

TE Internal #: 166309-3

Tin (Sn), Socket Contact, 24 – 20 AWG, 250 VAC, .2 – .6 mm² Wire, Locking Lance Contact Retention, 394.71 – 1184.12 CMA, Discrete Wire, AMPMODU IV/V

View on TE.com >

Connectors > Contacts > Connector Contacts







Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Tin**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
Applied Pressure	High
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Termination Resistance	12 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 V
Operating Voltage	250 VAC

Contact Features

Contact Length	12.3 mm[.484 in]
Barrel Type	Open
Contact Type	Socket

Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A
Mating Square Post Dimension	.64 mm[.025 in]
Contact Mating Area Plating Material Thickness	2.03 µm[80 µin]
Wire Contact Termination Area Plating Thickness	2.03 µm[80 µin]
Contact Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With

Dimensions

Wire Size	394.71 – 1184.12 CMA
Compatible Insulation Diameter Range	1.4 mm[.055 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476

Packaging Features

Packaging Quantity	17500
Packaging Method	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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 2-926476-5
MOD 4 HSG



TE Part # 1-925369-1
MOD.IV.FEMHSG WITH

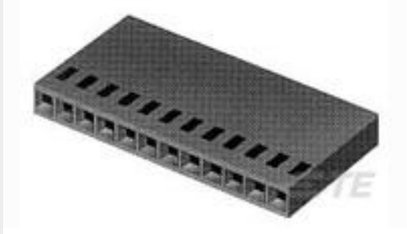


TE Part # 3-925370-4
MOD-4 REC.HSG.2X34P

TE Part # 4151330-2
OCEAN-2.0-APPLICATOR-S-042F062O-RSA



TE Part # 3-926475-6
36P AMP MODU 4 HSG



TE Part # 6-925366-9
19P MOD4 BU GEH OVG

TE Part # 1-925366-7
MOD 4 REC.HSG 1X17P

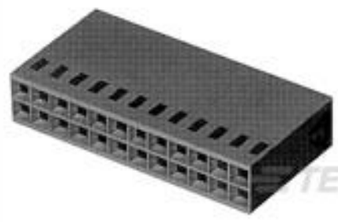
TE Part # 1-925366-5
MOD 4 REC.HSG 1X15P



TE Part # 1-925369-8
MOD.IV.FEMHSG WITH



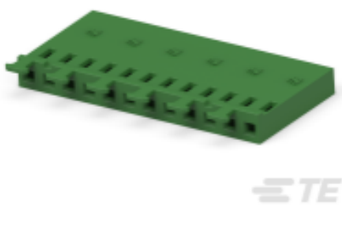
TE Part # 1-925369-0
MOD 4 REC.HSG 1X10P



TE Part # 1-925367-2
MOD 4 REC.HSG 2X12P



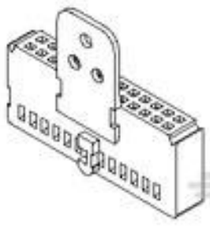
TE Part # 1-926476-3
MOD 4 HSG



TE Part # 1-925369-2
MOD 4 REC.HSG 1X12P



TE Part # 2266308-2
OCEAN_2.0_Applicator-S-055F062O-RSA



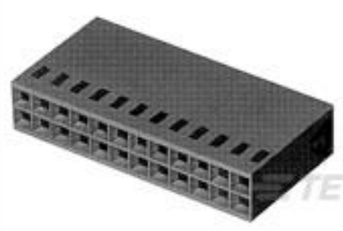
TE Part # 216038-2
MOD-4 HSG+PULL TAB



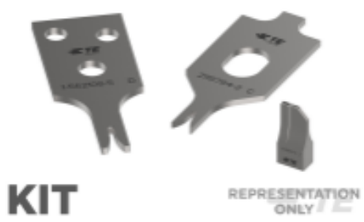
TE Part # 3-925370-0
MOD 4 REC.HSG 2X30P



TE Part # 5-925370-0
MOD IV REC HSG, 2X50P



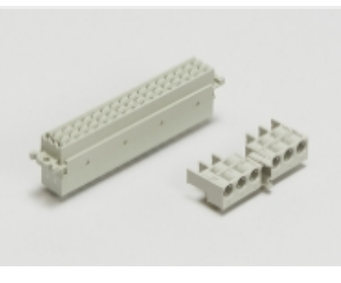
TE Part # 5-925367-0
MOD 4 REC.HSG 50 P.



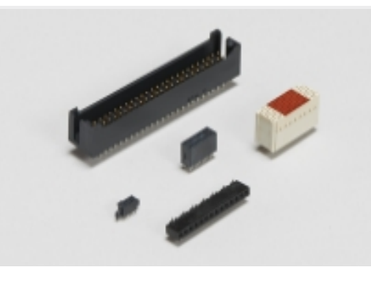
TE Part # 7-2151766-7
OCEAN_2.0_SPARE_PART_KIT-042F062F

TE Part # 925366-3
MOD 4 REC.HSG 1X03P

Also in the Series | AMPMODU IV/V



Backplane Connector Housings(1)



Board-to-Board Headers & Receptacles(125)



Connector Contacts(179)



Connector Hardware(8)



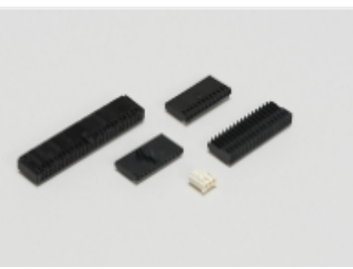
Power Contacts(140)



Rectangular Connector Housings(294)



Standard Rectangular Connectors(295)

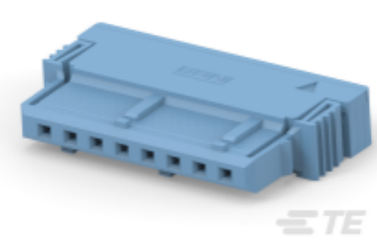


Wire-to-Board Connector Assemblies & Housings(295)

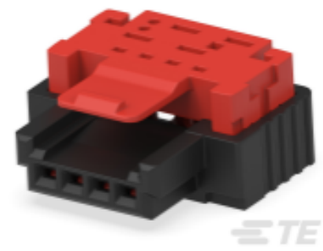
Customers Also Bought



TE Part #484082-E
SRCA 1,27 6 F 1-KS IDC22 137 E1 094 1,27



TE Part #364255-E
SRCBUG A 2,54 2 8 CSI 163 E1 ADV J 2 324



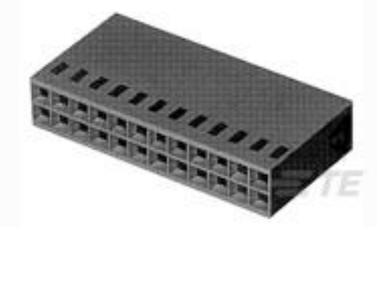
TE Part #474143-E
SRCA 1,27 4 F 1-KS IDC22 137 E1 094 1,27



TE Part #394895-E
SRCA 1,27 4 F 1 IDC22 137 E1 094 1,27 TR



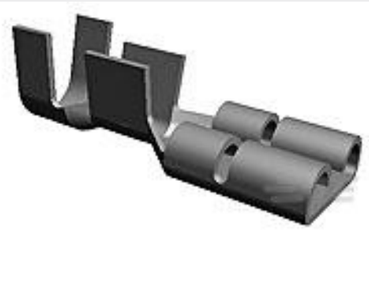
TE Part #474833-E
SRCP 1,27 8 F 1-KS IDC22 137 E1 162 1,27



TE Part #144095-2
HOUSING MODU IV 2X3 P NEUTRAL



TE Part #144684-1
COVER MODU IV 2X3 POS.



TE Part #280000-6
250 FASTON,REC.,24-17 AWG,TPBR



TE Part #1745083-1
3 POS. PLUG ASSY AMP SUPERSEAL 1.5 SRS



TE Part #1879980-1
MINI SUPERSEAL CONNECTOR

Documents

Product Drawings

MOD-5 REC.CONTACT

English

CAD Files

Customer View Model

ENG_CVM_CVM_166309-3_S.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_166309-3_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_166309-3_S.3d_stp.zip

English

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Product Specifications

Application Specification

English