

1375875-4 ✓ ACTIVE

AMPMODU | AMPMODU MICRO

TE Internal #: 1375875-4

AMPMODU MICRO, Housing, Plug, Wire-to-Board, 12 Position, .8mm [.031in] Centerline, Crimp, 2 Row, Row-to-Row Spacing .12969 in [3.3 mm]

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board**

Number of Positions: **12**

Centerline (Pitch): **.8 mm [.031 in]**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Rows	2

Electrical Characteristics

Insulation Resistance	500 MΩ
Dielectric Withstanding Voltage (Max)	250 V
Operating Voltage	30 VAC

Contact Features

Contact Type	Pin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1 A, 75 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Mating Retention	With
Connector Mounting Type	Board Mount

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	.8 mm [.031 in]
Housing Color	Natural

Dimensions

Connector Length	8.15 mm [.32 in]
Connector Height	6.74 mm [.265 in]
Wire Size	.0509 – .081 mm ²
Row-to-Row Spacing	3.3 mm [.12969 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C [-65 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0
UL File Number	E28476
UL Rating	Recognized
Agency/Standard	UL

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant

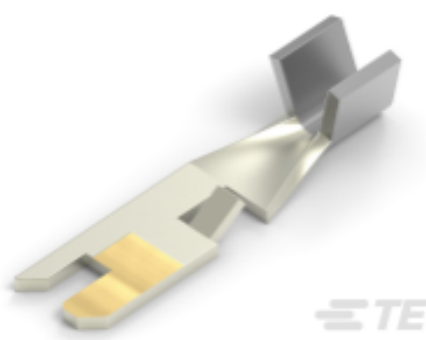


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per 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



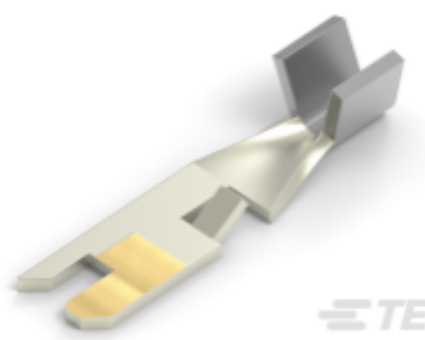
TE Model / Part # 5-1375876-2
PLUG CONT, PLATED, 0.8MM MIC INT



TE Model / Part # 1445297-4
REC.R/A SMT, 12 POS



TE Model / Part # 5-1375870-4
RCPT ASSY, 12 POS, VERT, 0.8MM MI

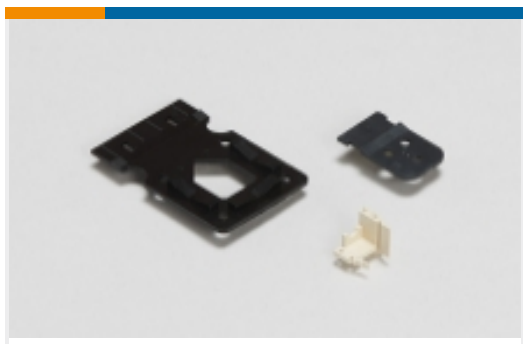


TE Model / Part # 1375876-2
PLUG CONT, PLATED, 0.8MM MIC INT



TE Model / Part # 1375870-4
RCPT ASSY, 12 POS, VERT, 0.8MM MI

Also in the Series | **AMPMODU MICRO**



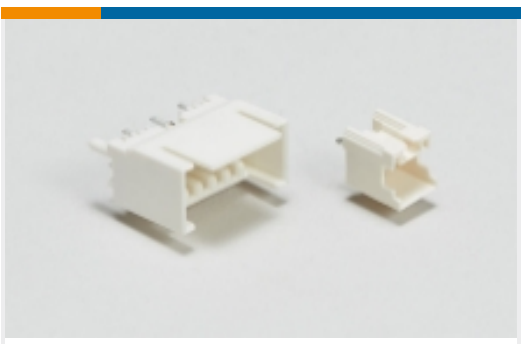
PCB Connector Strain Relief(2)



Wire-to-Board Connector Assemblies & Housings(15)



Wire-to-Board Connector Contacts(2)



Wire-to-Board Headers & Receptacles (23)

Customers Also Bought



TE Model / Part #1445340-1
PLUG HSG,4 POS,0.8MM MICRO INT



TE Model / Part #5-1375876-2
PLUG CONT,PLATED,0.8MM MIC INT



TE Model / Part #1490583-1
INSERTION TWEEZERS,MODIFIED



TE Model / Part #YDIV40E21-
41PNC009
RECP ASSY



TE Model / Part #1375875-8
PLUG HSG,20POS,0.8MM MICRO INT



TE Model / Part #EG1283-000
22759/45-22-2



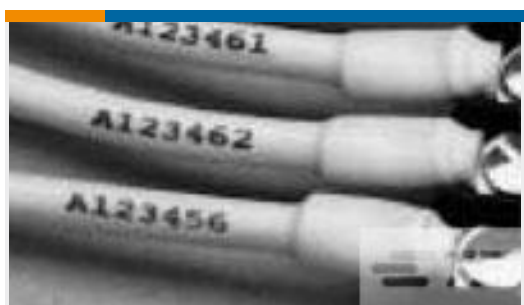
TE Model / Part #670713-000
44A0141-16-MST4CS2275



TE Model / Part #YDIV46E17-
06PNC009
PLUG ASSY



TE Model / Part #YDTS24W17-
35SBC001
RECP ASSY



TE Model / Part #5054122017
RNF-100-3/16-GY-STK

Documents

Product Drawings

[PLUG HSG,12POS,0.8MM MICRO INT](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_1375875-4_A.2d_dxf.zip](#)

English

[Customer View Model](#)



[ENG_CVM_1375875-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1375875-4_A.3d_stp.zip](#)

English

3D PDF

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English