

PLUG HSG,18POS,0.8MM MICRO INT

✓ ACTIVE

AMPMODU | AMPMODU MICRO

TE Part # 1375875-7

TE Internal #: 1375875-7

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



Number of Positions: 18

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

Termination Method to Wire & Cable: Crimp

Number of Rows: 2

Color: Natural

Features

Product Type Features

Connector & Contact Terminates To	Wire & Cable
Product Type	Connector
Connector Style	Plug
Connector Type	Housing
Strain Relief	Without
Glow Wire Rating	Standard Part - Not Glow Wire

Configuration Features

Number of Positions	18
Number of Rows	2

Electrical Characteristics

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

Body Features

Color	Natural
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Contact Features

Contact Current Rating (Max)	1 A, 75 A
Contact Type	Pin

Termination Features



Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Retention	With
Mating Retention Type	Locking Lance
Mating Alignment Type	Polarization
Mating Alignment	With

Housing Features

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

Dimensions

Wire Size	.0509 – .081 mm ²
Height	6.74 mm[.265 in]
Length	10.55 mm[.415 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C
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Industry Standards

Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1
Packaging Method	Package

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: JAN 2019 (197) Candidate List Declared Against: JUN 2016 (169)
Halogen Content	Not Yet Reviewed for halogen content
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 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.

Compatible Parts



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



TE Part # 1375870-7
RCPT ASSY, 18 POS, VERT,
0.8MM MI




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

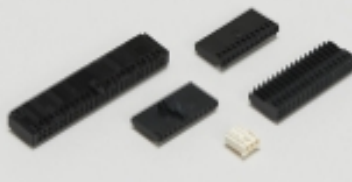
Also in the Series | AMPMODU MICRO



PCB Connector Strain
Relief(2)



Wire-to-Board Connector
Contacts(2)



Wire-to-Board Connector
Housings(15)



Wire-to-Board Headers &
Receptacles(23)

Customers Also Bought



TE Part #4-928247-2
2P ST-TIMER GEH



TE Part #1217917-2
FASTON 250 14-18AWG
BR



TE Part #1-521253-3
PL MKIII & FASTON 250
HSG 2P NYLON GREEN



TE Part #770894-6
06P SL156 HSG W/THRU
BD LATCH

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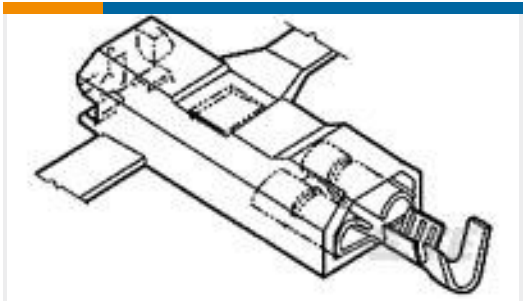
TE Part # 1375875-7
TE Internal #: 1375875-7



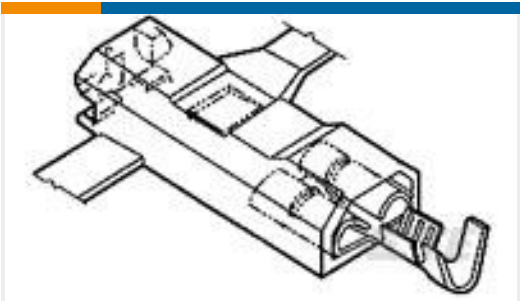
TE Part #1738494-1
FASTON 250 HSG
INFINITE SW NYLON NAT



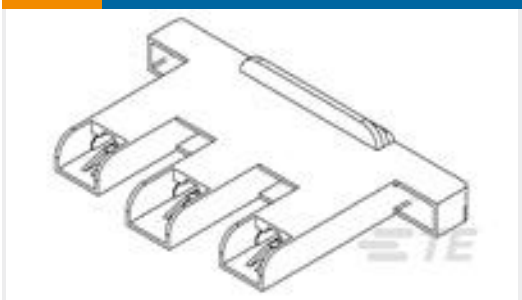
TE Part #1969117-1
HSG,3P,RAST 5 CRIMP R
/A,SPECIAL



TE Part #5-520963-1
ULTRA-POD 250 ASSY
REC 18-14 AWG BR



TE Part #521081-1
ULTRA-POD 250 ASSY
REC 18-14 AWG BR



TE Part #521823-1
PL 187 HOUSING REC
NYLON VO



TE Part #6-1123722-9
3.96 EP PLUG HSG 9P
(GREEN)

Documents

Product Drawings

PLUG HSG,18POS,0.8MM MICRO INT

English

CAD Files

Customer View Model

ENG_CVM_1375875-7_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_1375875-7_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1375875-7_A.3d_stp.zip

English

3D PDF

English

Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English