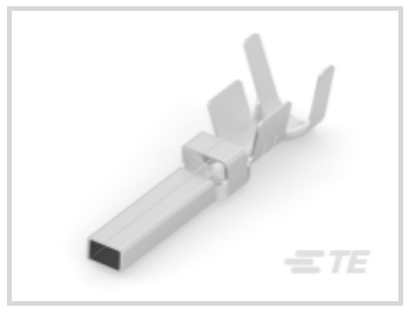
2408841-5 ✔ ACTIVE

TE Internal #: 2408841-5

Pin Contact, Tin over Nickel, 600 VAC, 14 – 20 AWG Wire Size, 2.5 – .5 mm² Wire Size, Crimp, Copper Alloy, Power, -25 – 90 °C [-13 – 194 °F]

View on TE.com >

Connectors > Contacts > Connector Contacts





Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin over Nickel**

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

Operating Voltage: **600 VAC**

Wire Size: **14 – 20 AWG**

Features

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Mating Tab Width	3.2 mm[.126 in]
Mating Tab Thickness	2.3 mm[.091 in]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Pin
Contact Mating Area Plating Material	Tin over Nickel
Wire Contact Termination Area Plating Material	Tin over Nickel
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	18 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Compatible Insulation Diameter Range	1.9 – 3.4 mm[.075 – .134 in]
Wire Size	2.5 – .5 mm²

Usage Conditions

Operating Temperature Range	-25 – 90 °C[-13 – 194 °F]

Operation/Application

Circuit Application	Power

Packaging Features

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	Not Yet Reviewed
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 reviewed 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 # 3-2408780-2
Plug HSG 2P WHT HCI 6.2 Pitch Outer Lock

TE Part # 3-2408780-3
Plug HSG 3P WHT HCI 6.2 Pitch Outer Lock

Customers Also Bought

TE Part #4-1419128-2
OJE-SS-112DM,000

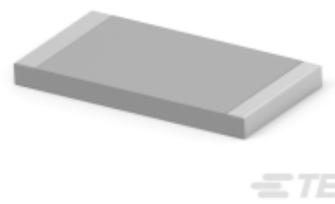
TE Part #1825910-6
FSM4JH=6MM TACT SWITCH, HIGH TEMP

TE Part #4-1734592-0
FPC CONN. 0.5MM PITCH B/C, 40P

TE Part #1-1123724-2
3.96EP HDR ASSY 2(3)P NATURAL

TE Part #1977477-3
Module Dual Barrier, .325 CL, 3 Pos.

TE Part #4-1625885-3
1W SM M/OX 5% 220K



TE Part #6-2176331-1
CRGP 2512 1M0 1%

TE Part #1-1721150-3
ORWH-SH-112D1F,000

TE Part #63824-5
250 FASTON TAB TPBR

TE Part #1-2232511-7
7P, RAST 5 TAB HEADER, THV

Documents

Product Drawings

Pin Contact of HCI 6.2mm Pitch WTW

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2408841-5_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2408841-5_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2408841-5_A.3d_igs.zip

English

Datasheets & Catalog Pages

HIGH-CURRENT-INTERCONNECT-CONNECTOR-SYSTEM

English

Product Specifications

Application Specification

English