



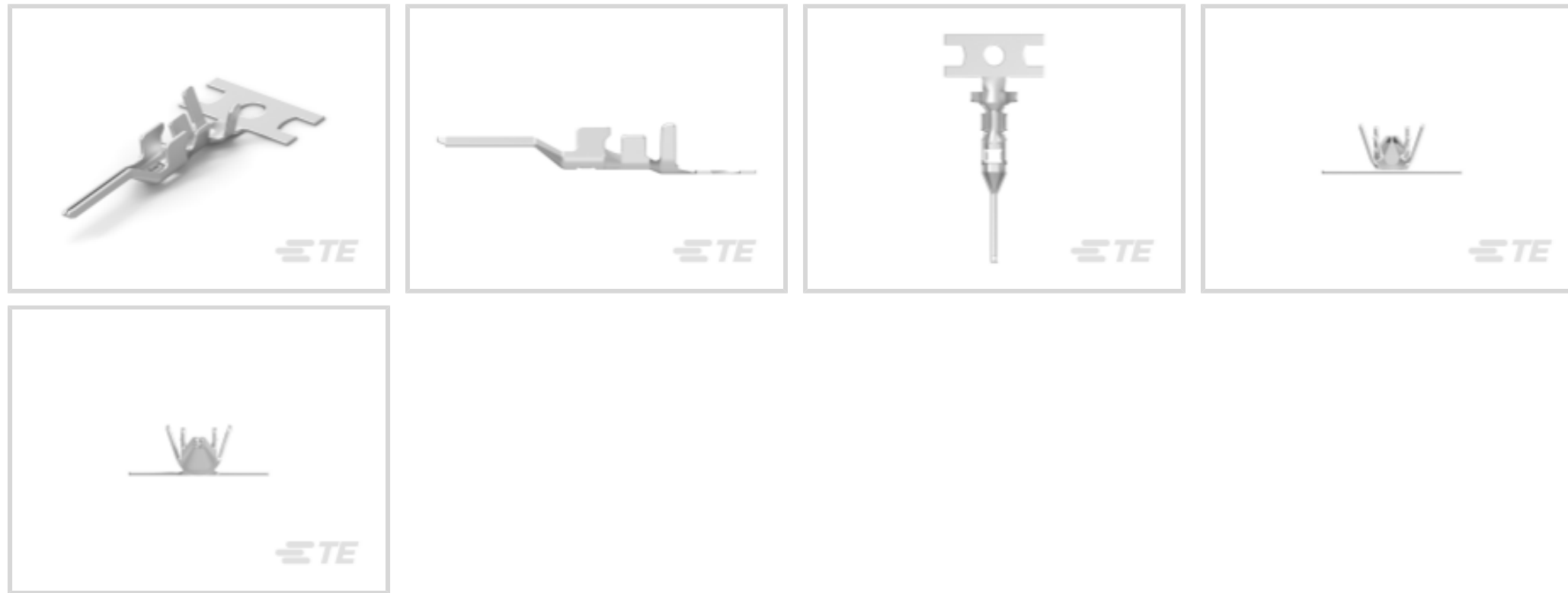
Economy Power 2.5

TE Internal #: 2238008-1

Pin Contact, Tin, 250 VAC, Discrete Wire, 24 – 20 AWG Wire Size, .205 – .518 mm² Wire Size, Crimp, Brass, Signal, Economy Power 2.5

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

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

Operating Voltage: **250 VAC**

Compatible With Wire & Cable Type: **Discrete Wire**

Features

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Mating Area Length	7.49 mm[.295 in]
Mating Square Post Dimension	.6 mm[.023 in]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Length	12.8 mm[.504 in]
Contact Type	Pin
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Current Rating (Max)	4.5 A

Termination Features

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

Dimensions

Compatible Insulation Diameter Range	1.3 – 1.7 mm [.051 – .067 in]
Wire Size	.205 – .518 mm ²

Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	8000
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 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 # 1-1969443-1
EP 2.5 TPA Retainer, 11 Pos



TE Part # 1969589-2
HSG, REC, FREE-HANG, GWT, SINGLE ROW, EP2.5



TE Part # 2151793-1
OCEAN_2.0_Applicator-S-055F069OV



TE Part # 1969591-5
HSG, REC, PANEL MOUNT, GWT, SINGLE ROW, EP2.5



TE Part # 2151793-2
OCEAN_2.0_Applicator-S-055F069OV



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 2837034-1
OCEAN_2.0_Applicator-S-055F075OV



TE Part # 2837034-2
OCEAN_2.0_Applicator-S-055F075OV



KIT
REPRESENTATION ONLY


TE Part # 7-2151793-7
OCEAN_2.0_SPARE_PART_KIT-055F069OV



TE Part # 7-2837034-1
OCEAN_2.0_Applicator-S-055F075OV




TE Part # 7-2837034-2
OCEAN_2.0_Applicator-S-055F075OV




KIT
REPRESENTATION ONLY

TE Part # 7-2837034-7
OCEAN_2.0_SPARE_PART_KIT-055F075OV

Also in the Series | Economy Power 2.5




Connector Contacts(6)



Connector Hardware(49)



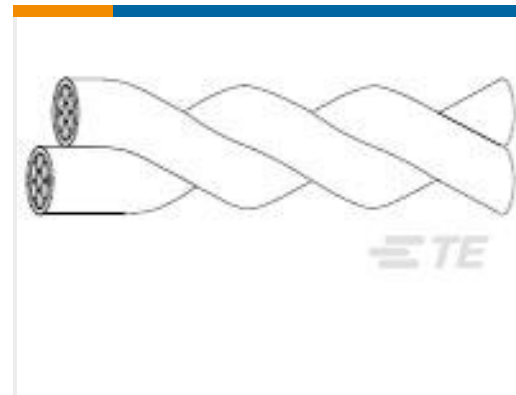
PCB Headers & Receptacles(494)



Rectangular Power Connectors(43)

Wire-to-Board Connector Assemblies
& Housings(311)

Customers Also Bought

TE Part #1969588-6
HSG, REC, FREE-HANGING, SINGLE
ROW, EP2.5TE Part #3825623001
44A0131-20-0/2/9TE Part #1969443-2
EP 2.5 TPA Retainer, 2 PosTE Part #1379218-1
COVER FOR 5W MPQ+MOS HSGTE Part #1-185879-2
26W MOS COVER ASSY BLUETE Part #1801600-3
RECEPTACLE HOUSING, MCON, 10
W, SEALEDTE Part #D522093001
44A0121-20-0/9CK0001TE Part #6-1768384-4
LBF-A1203109 <=> 203109

Documents

Product Drawings

TERMINAL, PIN, LANCELESS, 20-24 AWG, EP2

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2238008-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2238008-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2238008-1_C.3d_stp.zip](#)

English

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



Datasheets & Catalog Pages

[7-1773461-6_EP2.5_Connector_Series](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English