



Connectors > Contacts > Connector Contacts > Pin and Socket Contacts, Type III, LP EMEA



Contact Type: **Pin**

Contact Mating Area Plating Material: **Precious Metal**

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

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

[All Pin and Socket Contacts, Type III, LP EMEA \(27\)](#)

Features

Product Type Features

Discrete Wire Type	Stranded
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Contact Features

Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	1.02 µm[40 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Pin
Contact Mating Area Plating Material	Precious Metal
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass



Contact Current Rating (Max)	13 A
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Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	1.1 - 1.8 mm[.043 - .071 in]
Wire Size	.2 - .5 mm ²

Usage Conditions

Operating Temperature Range	-55 - 150 °C[-67 - 302 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Method	Bag
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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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

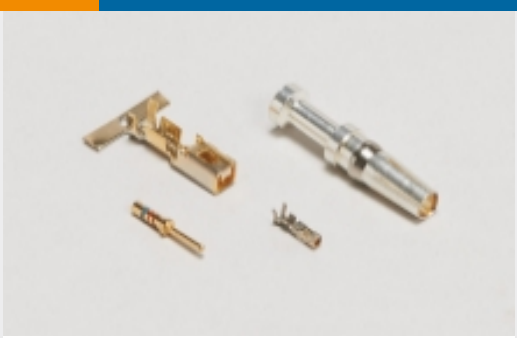


will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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 Part # 58495-2 PROCRIMPER DIE ASSY MULTIMATE	 TE Part # 91505-1 CCII TYPE III+ 24-16 ASSY	 TE Part # 200893-2 INSERTION TOOL CONT	 TE Part # 58495-1 PRO CRIMPER ASSY MULTIMATE
 TE Part # 539972-1 EXTRACTION TOOL	 TE Part # 305183 EXTRACT TOOL TYPE 2 20-16	 TE Part # 91515-1 CCII TYPE III+ MNL PIN SKT 30-20 ASSY	 TE Part # 2063487-1 SDE TYPE III+ 0.2-2.5mm2 ASSY
 TE Part # 2063487-2 SDE TYPE III+ 0.2-2.5mm2 DIE SET	 TE Part # 2384426-2 SDE F TYPE III+ 0.56-0.12mm2 DIE SET	 TE Part # 2384426-1 SDE F TYPE III+ 0.56-0.12mm2 ASSY	

Also in the Series | AMP Type III+

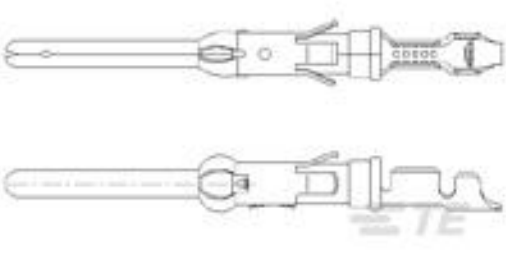
 Connector Contacts(409)	 Insertion & Extraction Tools(4)
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Customers Also Bought





TE Part # 7-215083-4
MICRO-MATCH MOW.04P



TE Part # 1-163082-0
SPEC. PLATED



TE Part # 223988-1
UNV PWR MDL, GUIDE PIN PLTD



TE Part # 621060-000
D-142-56

TE Part # 3742612236
Speed sen DSD 1616.73 QHW-F267S



TE Part # 8395973001
44/7031-20-0CK1000

TE Part # 839380-E
IDCCS SRC 1,27 6 * SPX SPX 650 HT

TE Part # 839410-E
IDCCS SRC 1,27 3 * SPX NXX 550 HT

TE Part # 839553-E
IDCCS SRC 1,27 4 * SPX SPX 370 HT

TE Part # 839554-E
IDCCS SRC 1,27 4 * SPX SPX 490 HT

Documents

Product Drawings

SPEC. PLATED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-163086-0_AD.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-163086-0_AD.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-163086-0_AD.3d_stp.zip

English

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

Product Specifications

1-163086-0

Pin Contact, Precious Metal, Size 16 Contact Size, 24 - 20 AWG Wire Size, .2 - .5 mm² Wire Size, Crimp, Brass, Power & Signal, AMP Type III+



Product Specification

English