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Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Gold (Au)**

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

Operating Voltage: **250 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Mating Square Post Dimension	.64 mm[.025 in]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Type	Receptacle
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin



Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	5 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	.89 – 1.52 mm[.035 – .06 in]
Wire Size	.2 – .5 mm²

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	VDE
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Packaging Features

Packaging Quantity	15000
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per



homogenous material. Also BFR/CFR/PVC Free

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 # 2151022-1
OCEAN_2.0_APPLICATOR-S-055F070F-RSM

KIT

TE Part # 7-2151022-7
OCEAN_2.0_SPARE_PART_KIT-055F070F

TE Part # 91391-2
SDE COMM MICRO MNL DIE SET

TE Part # 2837550-1
OCEAN_2.0_Applicator-S-050F070F-RSM

TE Part # 843996-6
TOOL, EXTRACTION RESET

Was called:
SDE PEW 12

Now renamed to:
SDE SA
(no other physical changes)

TE Part # 91391-1
SDE PEW 12MICRO MNL HAND TOOL

TE Part # 91501-1
CCII MICRO MNL REC 24-20 ASSY

KIT

TE Part # 7-2837550-7
OCEAN_2.0_SPARE_PART_KIT-050F070F

TE Part # 2151022-2
OCEAN_2.0_APPLICATOR-S-055F070F-RSA

TE Part # 2837550-2
OCEAN_2.0_Applicator-S-050F070F-RSA

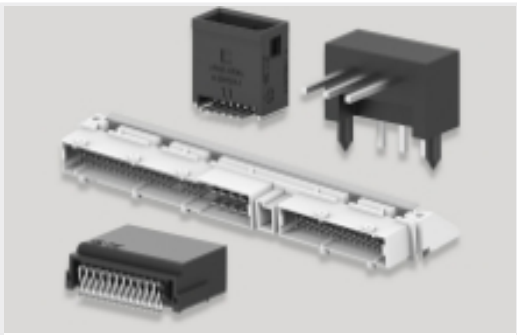
Also in the Series | Micro MATE-N-LOK



Connector Contacts(27)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(371)



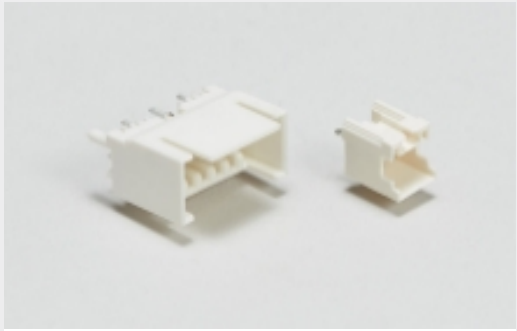
Power Contacts(27)



Rectangular Connector Housings(98)



Rectangular Power Connectors(469)



Wire-to-Board Headers & Receptacles (371)

Customers Also Bought



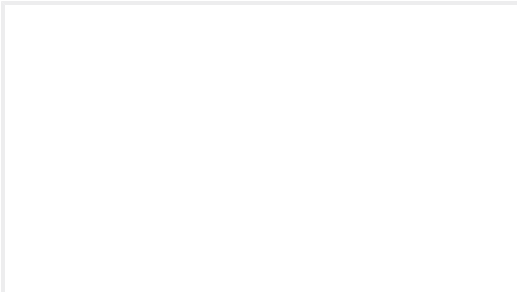
TE Part #1-794608-2
PIN CONT 20-24 30 GOLD STRIP



TE Part #1658649-1
KIT,HDP-20,OVRMLD,RCPT,SIZE 3,



TE Part #1-2176249-8
TJT 300W 680R 5%



TE Part #5554841-1
RCPT ASSY, 50 POS,RTANG,PCB



TE Part #2102092-2
Fortis Zd 2Pr 10Col Vert End Mod Assy



TE Part #4-794637-6
16P MICRO MNL ASSY,VRT,SMT LF



TE Part #DRC10-40P-A004
HDR, 40P, BLK, ST, PIN, SN/NI/CU



TE Part #4-1803537-2
ANVIL, COMBINATION



TE Part #2-2317658-6
AV25 DPL 3A MOVING RING POWER
WHITE 24V



TE Part #5-103414-7
09 MODII HDR SRST SHRD LF

Documents



Product Drawings

MICRO MNL RPT CNT STRP 30AU LF

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-794606-2_K.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-794606-2_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-794606-2_K.3d_stp.zip

English

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

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

MICRO MATE-N-LOK CONNECTOR SYSTEM

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English