

163554-6 **x** OBSOLETE

MATE-N-LOK | Commercial MATE-N-LOK

TE Internal #: 163554-6

TE Internal Description: MATENLOK SOCKET

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Pre-Tin**

Wire Size: **.3 – .75 mm²**

Connector System: **Wire-to-Wire**

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Contact Features

Contact Mating Area Plating Material	Pre-Tin
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	2.1 mm[.082 in]
Contact Base Material	Brass
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Orientation	Straight
Barrel Type	Open Barrel

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Wire Insulation Support	Without
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Dimensions

Wire Size	.3 – .75 mm ²
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Accepts Wire Insulation Diameter Range	1.4 – 2.4 mm [.055 – .095 in]
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Operation/Application

Circuit Application	Power
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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VDE Tested	No
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Packaging Features

Packaging Method	Reel
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Packaging Quantity	4000
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Other

Wire/Cable Type	Discrete Wire
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Wire Type	Stranded
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For Use With	Commercial MATE-N-LOK housings
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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>

Also in the Series | Commercial MATE-N-LOK



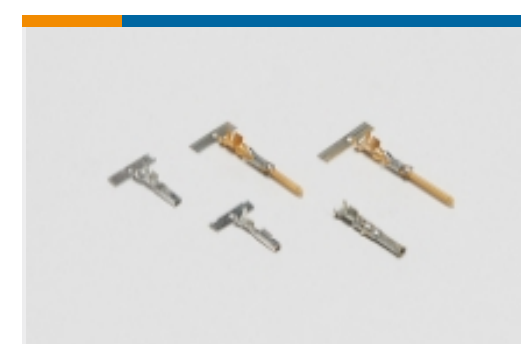
Connector Contacts(26)



Crimp Wire Pins, Tabs & Ferrules(3)



Insertion & Extraction Tools(5)



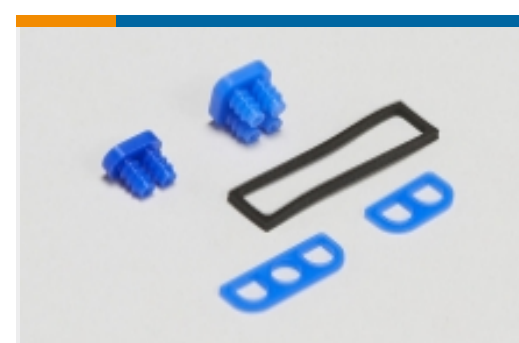
Power Contacts(129)



Rectangular Caps & Covers(2)



Rectangular Connector Housings(17)



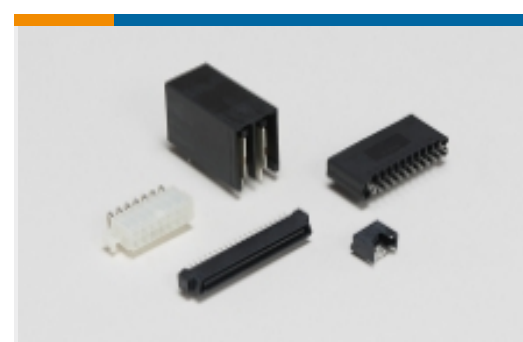
Rectangular Connector Seals(1)



Rectangular Power Connectors(170)



Standard Circular Connectors(4)

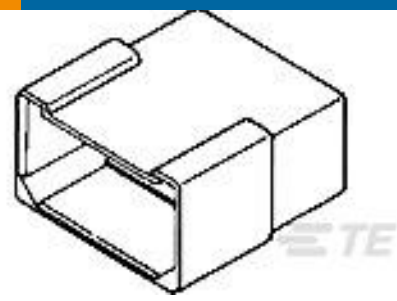


Standard Rectangular Connectors(10)



Wire-to-Board Connector Contacts(1)

Customers Also Bought



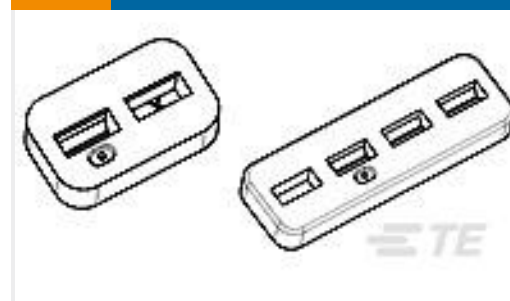
TE Part #180906
FF 250 TAB HSG 6P NYLON NAT



TE Part #180351-8
FF 250 REC 4-6MM2 PTBR



TE Part #1-160301-6
250 FASTON,REC.,10-12 AWG,TPBR



TE Part #963208-1
DICHTUNG F4P JPT GH



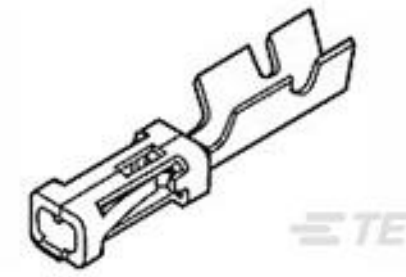
TE Part #1745083-1
3 POS. PLUG ASSY AMP SUPERSEAL
1.5 SRS



TE Part #151679
2 WAY M-N-L PIN HSG.NAT.



TE Part #9-927742-3
FASTIN FASTON HOUSING 3POS



TE Part #166309-2
MOD-5 REC.CONTACT



TE Part #1-640415-0
UMNL KEYING PLUG V0

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_163554-6_S.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163554-6_S.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163554-6_S.3d_stp.zip](#)

English

3D PDF

English

Customer View Model

[ENG_CVM_163554-6_E.3d_igs.zip](#)

English

Customer View Model



[ENG_CVM_163554-6_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_163554-6_E.2d_dxf.zip](#)

English

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Product Environmental Compliance

[MD_163554-6_110320152057_dmtec](#)

English

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English