

1445049-9

✓ ACTIVE

MATE-N-LOK | Micro MATE-N-LOK

TE Internal #: 1445049-9

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 9 Position, 3 mm [.118 in] Centerline, Wire & Cable, UL 94V-0, Micro MATE-N-LOK

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors

Rectangular Power Connector Type: **Housing**Connector & Housing Type: **Plug**Connector System: **Wire-to-Wire**Number of Positions: **9**Centerline (Pitch): **3 mm [.118 in]****Features****Product Type Features**

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	9
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Multiple Contact Types	Without
Contact Layout	Inline
Contact Retention Within Housing	Without

Contact Type

Pin

Termination Features

Termination Method to Wire & Cable

Crimp

Mechanical Attachment

Strain Relief

Without

Mating Alignment Type

Polarization

Mating Retention

With

Mating Alignment

With

Mating Retention Type

Locking Tab

Connector Mounting Type

Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)

3 mm [.118 in]

Housing Color

Black

Housing Material

Nylon 66/6

Dimensions

Compatible Insulation Diameter (Max)

1.52 mm

Connector Height

16.89 mm

Product Width

3.86 mm

Product Length

27.85 mm

Usage Conditions

Operating Temperature Range

-40 – 105 °C [-40 – 221 °F]

Operation/Application

Circuit Application

Power & Signal

Industry Standards

CSA Rating

Certified, LR 7189

UL Rating

Recognized

Agency/Standard

CNR, USR

Approved Standards

UL E28476, VDE 40005280

UL Flammability Rating

UL 94V-0

Glow Wire Rating

Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	1000
Packaging Method	Tray

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 applicable for solder process capability

Product Compliance Disclaimer

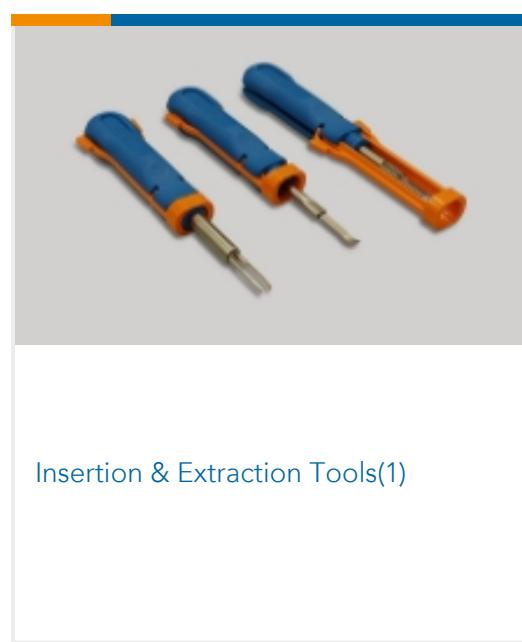
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

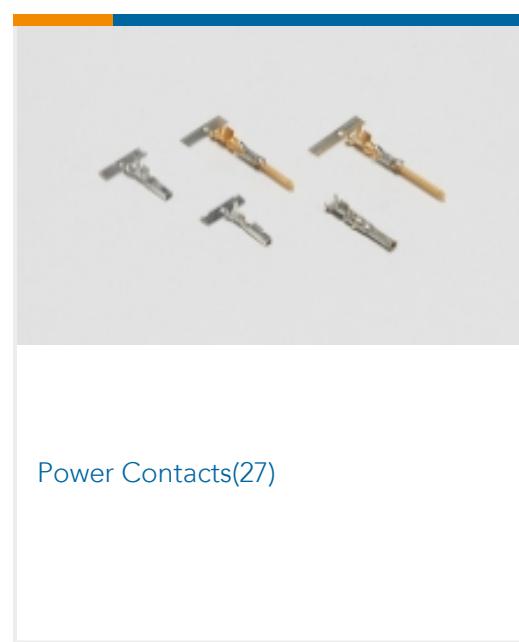


TE Part # 1445022-9
MICRO MNL RFECEPT HSG SINGLE R

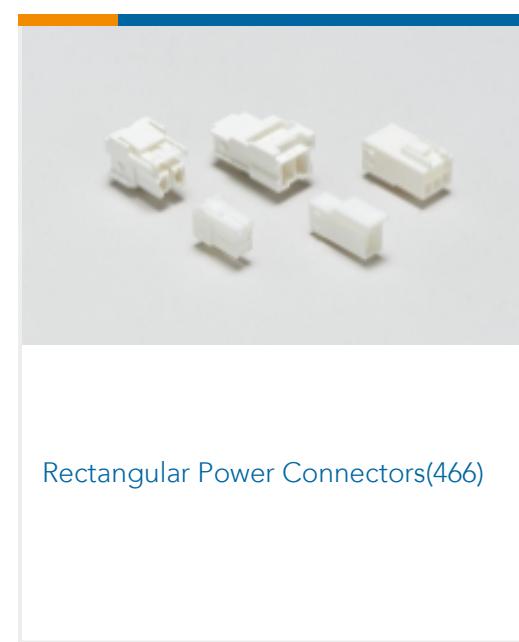
Also in the Series | Micro MATE-N-LOK



Insertion & Extraction Tools(1)

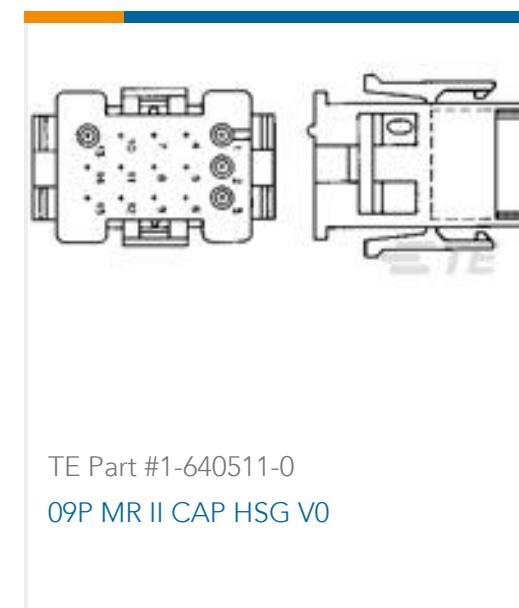
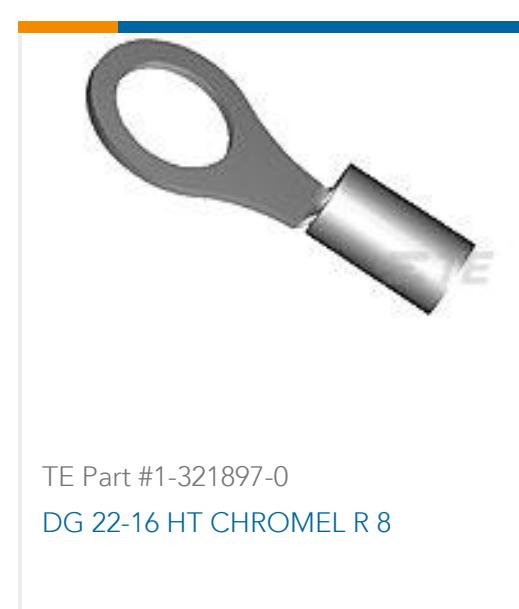


Power Contacts(27)



Rectangular Power Connectors(466)

Customers Also Bought

TE Part #745229-4
PIN CONT 20DF L.P.TE Part #2439450001
RPS Commercial Grade SleevesTE Part #1-321898-0
DG 22-16 HT ALUMEL R 10TE Part #1-640511-0
09P MR II CAP HSG V0TE Part #EC6462-000
K-Type Tie-On MarkersTE Part #EM7485-000
X2-4.0-0-SP-SPTE Part #1-321897-0
DG 22-16 HT CHROMEL R 8TE Part #61253-1
AUTO MNL .156 PIN L/P

Documents

Product Drawings

[FREE HANG SNGL ROW HSG 9 POS](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_1445049-9_B1.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_1445049-9_B1.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_1445049-9_B1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

MICRO MATE-N-LOK CONNECTOR SYSTEM

English

Product Specifications[Application Specification](#)

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Product Environmental Compliance[TE Material Declaration](#)

English