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170362-3

Mini-Universal MATE-N-LOK, Power Contacts, Contact, Operating Voltage 600 VAC, Operating Voltage 600 VDC, Gold, 22 – 18 AWG, .3 – .89 mm²



MATE-N-LOK | Mini-Universal MATE-N-LOK

TE Internal #: **170362-3**

TE Internal Description: **MINI UNIVERSAL M-N-L SOCKET**

Mil-Spec: **B: 170362-3**

Power Contact Type: **Contact**

Operating Voltage (VAC): **600**

Operating Voltage (VDC): **600**

Contact Mating Area Plating Material: **Gold**

Wire Size (AWG): **22 – 18**

[Digital Datasheet](#)

We are here to help!

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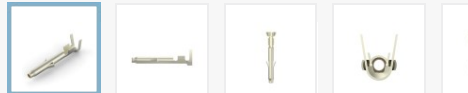


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Compatible Parts & Tooling



Documents

Features

Product Compliance

Product Drawings

MINI UNIVERSAL M-N-L SOCKET

[MINI UNIVERSAL M-N-L SOCKET](#)

English

CAD Files

3D PDF

[3D_CVM_CVM_170362-3_N.pdf](#)

3D

Customer View Model

[ENG_CVM_CVM_170362-3_N.2d_dxf.zip](#)

English

[ENG_CVM_CVM_170362-3_N.3d_igs.zip](#)

English

[ENG_CVM_CVM_170362-3_N.3d_stp.zip](#)

English

Product Specifications

Crimping of Mini-Universal MATE-N-LOK Contact

[JPN_SS_114-5050_H.tif](#)

Japanese

Application Specification

[JPN_SS_114-5050_H.pdf](#)

Japanese

Mini-Universal MATE-N-LOK Connector(UL 94V-0 Grade)

[S_108-5138_J2.tif](#)

English

Product Specification

[ENG_SS_108-5138_J2.pdf](#)

English

[S_108-5151_D2.tif](#)

English

[ENG_SS_108-5151_D2.pdf](#)

English

Product Environmental Compliance

MD_170362-3_07182018533_dmtec

[ENG_PC_MD_170362-3_J\(818802\).xlsx](#)

English

MD_170362-3_07182018533_dmtec

[ENG_PC_MD_170362-3_J\(384805\).xml](#)

English

Instruction Sheets

Instruction Sheet (non U.S.)

[JPN_SS_411-5105_A1.pdf](#)

Japanese

Mini-Universal MATE-N-LOK Connector

[JPN_SS_411-5105_A1.tif](#)

Japanese

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features

Power Contact Type : **Contact**

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

Connector & Contact Terminates To : **Wire & Cable**

Electrical Characteristics

Operating Voltage (VAC): **600**

Operating Voltage (VDC): **600**

Contact Features

Contact Mating Area Plating Material : **Gold**

Contact Current Rating (Max) (A): **7**

Contact Type : **Socket**

Contact Retention Within Housing : **With**

Mating Pin Diameter : **1 mm [.039 in]**

Contact Base Material : **Brass**

Contact Mating Area Plating Material Thickness :

.76 µm [30 µin]

Wire Contact Termination Area Plating Material Thickness :

.76 µm [30 µin]

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

Wire Contact Termination Area Plating Material Finish : **Matte**

Contact Orientation : **Straight**

Contact Underplating Material : **Nickel**

Barrel Type : **Open Barrel**

Termination Features

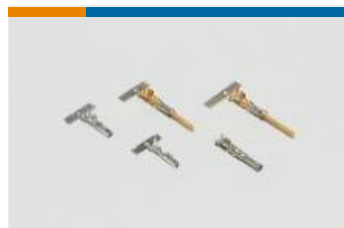
Termination Method to Wire & Cable : **Crimp**

Mechanical Attachment	Connector Mounting Type : Cable Mount (Free-Hanging) Wire Insulation Support : Without
Dimensions	Wire Size (AWG): 22 – 18 Wire Size (mm ²): .3 – .89 Accepts Wire Insulation Diameter Range (mm): 1.5 – 2.4, 3.4 Accepts Wire Insulation Diameter Range (in): .059 – .094, .134
Usage Conditions	Operating Temperature Range : -20 – 105 °C [-4 – 221 °F]
Operation/Application	Circuit Application : Power
Industry Standards	Glow Wire Rating : Standard Part - Not Glow Wire UL File Number : E28476 UL Rating : Recognized CSA File Number : LR 7189 Agency/Standard : CSA, UL VDE Tested : No CSA Rating : Certified
Packaging Features	Packaging Method : Reel Packaging Quantity : 4000
Other	For Use With : Plug Housing Wire Type : Stranded Wire/Cable Type : Discrete Wire
Statement of Compliance	Statement of Compliance pdf

Also in the Series | Mini-Universal MATE-N-LOK



Connector Contacts
(11)



Power Contacts (85)



Rectangular Backshells & Clamps
(2)



Rectangular Boots & Strain Relief (2)

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