TE
connectivity

+ CONNECTORS

POWER CONTACTS

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

TE CONNECTIVITY (TE)

PIN M-N-L

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

163558-4
TE Internal Number: 163558-4

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating (A) **15**

Operating Voltage (VAC) **250**

Wire/Cable Size (AWG) **22 – 18**

Wire/Cable Size (mm²) **.3 – .75**

Product Drawings

Pin Mate-N-Lok
PDF **(TIFF AVAILABLE)**
English

Pin Mate-N-Lok
PDF **(TIFF AVAILABLE)**
English

CAD Files

Customer View Model
3D_IGS.ZIP
English

Customer View Model
3D_STP.ZIP
English

Customer View Model
2D_DXF.ZIP
English

3D PDF
PDF
English

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	Product Type	**Contact**

Electrical Characteristics	Contact Current Rating (A)	**15**
	Operating Voltage (VAC)	**250**

Contact Features	Contact Type	**Pin**

	Contact Base Material	**Phosphor Bronze**
	Contact Mating Area Plating Material	**Pre-Tin**

Termination Features	Wire/Cable Size (AWG)	**22 – 18**
	Wire/Cable Size (mm²)	**.3 – .75**
	Termination Type	**Crimp**

Mechanical Attachment	Contact Retention in Housing	**With**
	Contact Retention in Housing Type	**Locking Lance**

Dimensions	Mating Pin Diameter	**2.13 mm [.084 in]**
	Accepts Wire Insulation Diameter Range	**1.4 – 2.4 mm [.055 – .094 in]**

Operation/Application	Operating Temperature Range	**-55 – 105 °C [-67 – 221 °F]**
	Connector System	**Wire-to-Wire**

Industry Standards	VDE Tested	**No**

Packaging Features	Packaging Method	**Bag**
	Packaging Quantity	**1000**

Other	For Multiple Crimp	**No**
	For Use With	**Pin (Cap) Housing**
	Wire/Cable Type	**Discrete Wire**
	Wire Type	**Stranded**

Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

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Relation Type ▼

RELATIONSHIP
Housings

Identifies Housings compatible with a given Contact

PRODUCT - HOUSINGS

Connectors - Rectangular Power Connectors
MATE-N-LOK | Commercial MATE-N-LOK

04P CMNL PLUG HSG F/H BLK - 1-480424-9

TE INTERNAL NUMBER: 1-480424-9

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RELATIONSHIP
Housings
Identifies Housings compatible with a given Contact

PRODUCT - HOUSINGS

Connectors - Rectangular Power Connectors
MATE-N-LOK | Commercial MATE-N-LOK

03P CMNL PLUG HSG W/LOK NATL - 1-480721-0

TE INTERNAL NUMBER: 1-480721-0

✔ Active

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Product Type **Housing**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **3**

UL Flammability Rating **UL 94V-2**

RELATIONSHIP
Housings
Identifies Housings compatible with a given Contact

PRODUCT - HOUSINGS

Connectors - Rectangular Power Connectors
MATE-N-LOK | Commercial MATE-N-LOK

03P CMNL CAP HSG F/H BLK - 1-480305-9

TE INTERNAL NUMBER: 1-480305-9

✔ Active

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