



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

4P C-MNL PIN HDR R/A

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

174552-1

TE Internal Number: 174552-1

Always EU RoHS/ELV Compliant

Product Type **Header**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating (A) **10**

Number of Positions **4**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[4POS COM M-N-L PIN HEADER \(WITH FIX BELT\)](#)

PDF (TIFF AVAILABLE)
English

[4POS COM M-N-L PIN HEADER \(WITH FIX BELT\)](#)

PDF (TIFF AVAILABLE)
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[3D PDF](#)

PDF
English

Catalog Pages/Data Sheets

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

PDF
English

Product Specifications

Product Specification

[AMP Commercial MATE-N-LOK* Pin Header Assembly](#)

PDF
English

[AMP Commercial MATE-N-LOK* Pin Header Assembly](#)

TIF
English

Product Environmental Compliance

TE Material Declaration

[MD_174552-1_07012015142_dmtec](#)

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	Header
	Contact Type	Pin

Configuration Features	Number of Positions	4
	Centerline	5.08 mm [.2 in]
	PCB Mounting Orientation	Right Angle
	Number of Rows	1
	Contact Layout	Inline

Electrical Characteristics	Contact Current Rating (A)	10
	Operating Voltage (VAC)	250

Termination Features	Termination Method to PC Board	Through Hole - Solder
	Termination Post/Tail Length	4.1 mm [.161 in]

Mechanical Attachment	Mating Alignment	With
	Mating Retention	With
	PCB Mount Retention	With
	Mating Retention Type	Detent Lock
	PCB Mount Retention Type	Fixed Belt
	Mating Alignment Type	Polarization

Housing Features	UL Flammability Rating	UL 94V-2
	Housing Color	Natural
	Housing Material	Nylon 66 GF

Dimensions	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Width (mm)	11.5
	Height (mm)	10.75
	Length (mm)	25.3

Usage Conditions	Sealed Condition	Not Sealed
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Operation/Application	Connector System	Wire-to-Board
	Applies To	Printed Circuit Board
	Operating Temperature	-20 – 105 °C [-4 – 221 °F]
Industry Standards	UL Rating	Certified, Recognized
	CSA File Number	LR7189A
	Agency/Standard	CSA, UL
	VDE Tested	No
	Agency/Standard Number	E28476
Packaging Features	Packaging Method	Bag
	Packaging Quantity	200
Other	For Use With	Socket (Plug) Housing
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

Products - 8 Results

[View All](#)

Compare 0/10

Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

Always EU RoHS/ELV Compliant

**04P CMNL PLUG HSG
F/H NATL - 1-480424-0**

TE INTERNAL NUMBER: 1-480424-0
ALIAS ID: 1-0480424-0, 1101333, 650-1176-01

✓ Active

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



PRODUCT - MATING PRODUCTS

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

**04P CMNL IDC PLUG 16
AWG BLU V - 770156-5**

TE INTERNAL NUMBER: 770156-5

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Connector**

Assembly

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Contact Current Rating **13 A**

Number of Positions **4**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

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

**4P CMNL IDC PLUG
22AWG RED V2
- 770156-2**

TE INTERNAL NUMBER: 770156-2

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Connector**

Mating Alignment **With**

Mating Alignment Type

Polarization

Mating Retention **With**

Mating Retention Type **Detent**

Lock

