

RECTANGULAR POWER CONNECTORS

















PRODUCT DRAWING



3D PDF



04P CMNL IDC PLUG 16 AWG BLU V

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

770156-5

TE Internal Number: 770156-5

Always EU RoHS/ELV Compliant

Product Type Connector Assembly

Connector System Wire-to-Wire

Applies To Wire/Cable

Contact Current Rating (A) 13

Number of Positions 4

Product Drawings

PLUG ASSEMBLY, INSULATION DISPLACEMENT, COMMERCIAL MATE-N-

LOK(TM)

PDF 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**

Catalog Pages/Data Sheets

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

PDF **English**

Product Specifications

Qualification Test Report

Product Specification Connector, IDC Commercial MATE-N-LOK

PDF **English**

Connector, IDC Commercial MATE-N-LOK*

PDF English

Connector, IDC Commercial MATE-N-LOK*

TIF English

Product Environmental Compliance

TE Material Declaration

MD_770156-5_12162013359_dmtec

PDF **English**

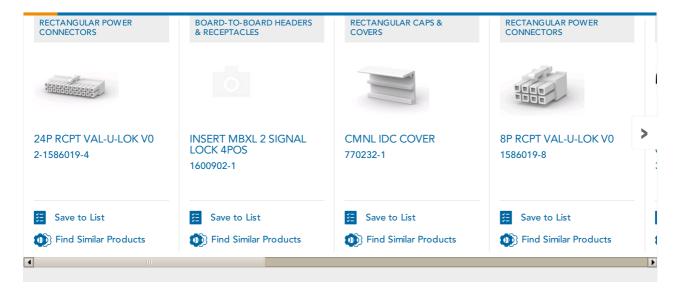
Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Product Type	Connector Assembly
	Contact Type	Socket
Configuration Features	Number of Positions	4
	Centerline	5.08 mm [.2 in]
	Number of Rows	1
	Multiple Contact Types	Without
	Contact Layout	Inline
	C + + C + + P + ; + (A)	42
Electrical Characteristics	Contact Current Rating (A)	13
	Operating Voltage (VAC)	250
Contact Features	Contact Retention	With
	Contact Retention Type	Locking Lance
Termination Features	Wire/Cable Size (AWG)	16
	Wire/Cable Size (mm²)	1.25
	Termination Method to Wire/Cable	Insulation Displacement Crimp (IDC)
	Wire Type	Stranded
Mechanical Attachment	Mating Alignment	With
	Mating Retention	With
	Mating Retention Type	Detent Lock
	Mating Alignment Type	Polarization
	Strain Relief	Without
Housing Features	UL Flammability Rating	UL 94V-2
	Housing Color	Blue
	Housing Material	Nylon GF
		·
Dimensions	Accepts Wire Insulation Diameter Range	2.41 mm [.095 in]
	Width (mm)	6.225
	Height (mm)	20.93

Length (mm) **20.93**

Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Wire
	Applies To	Wire/Cable
	Operating Temperature	-55 – 105 °C [-67 – 221 °F]
Industry Standards	UL Rating	Certified, Recognized
	CSA File Number	LR16455
	Agency/Standard	CSA, UL
	VDE Tested	Yes
	Agency/Standard Number	E28476
Packaging Features	Packaging Method	Bag
	Packaging Quantity	1000
Other	For Use With	Header, Pin (Cap) Housing
Product Compliance	Statement of Compliance	

CUSTOMERS ALSO BOUGHT



VIEW ALL PRODUCT COMPLIANCE

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

4P C-MNL PIN HDR R/A - 174552-1 TE INTERNAL NUMBER: 174552-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Header**

Connector System Wire-to-Board

Applies To Printed Circuit Board

Contact Current Rating 10 A

Number of Positions 4

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

M-N-L PIN HDR W/FIX BELT H 4P - 174804-1

TE INTERNAL NUMBER: 174804-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Header**

Connector System Wire-to-Board

Applies To Printed Circuit Board

Contact Current Rating 10 A

Number of Positions 4

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

04P CMNL CAP HSG F/H

NATL - 1-480426-0 TE INTERNAL NUMBER: 1-480426-0 ALIAS ID: 1-0480426-0

✓ Active

Always EU RoHS/ELV Compliant

