



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

4P CMNL IDC PLUG 18AWG ORG V2

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

770156-3

TE Internal Number: 770156-3

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**

Active

PRODUCT DRAWING
English

3D PDF

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

Product Specification

[Connector, IDC Commercial MATE-N-LOK](#)

PDF
English

Application Specification

[MATE-N-LOK Commercial IDC \(Insulation Displacement Connectors\)](#)

PDF
English

[MATE-N-LOK Commercial IDC \(Insulation Displacement Connectors\)](#)

TIF
Japanese

[MATE-N-LOK Commercial IDC \(Insulation Displacement Connectors\)](#)

PDF
Japanese

[MATE-N-LOK Commercial IDC \(Insulation Displacement Connectors\)](#)

TIF
English

Product Environmental Compliance

TE Material Declaration [MD_770156-3_12162013358_dmtec](#)
 PDF
 English

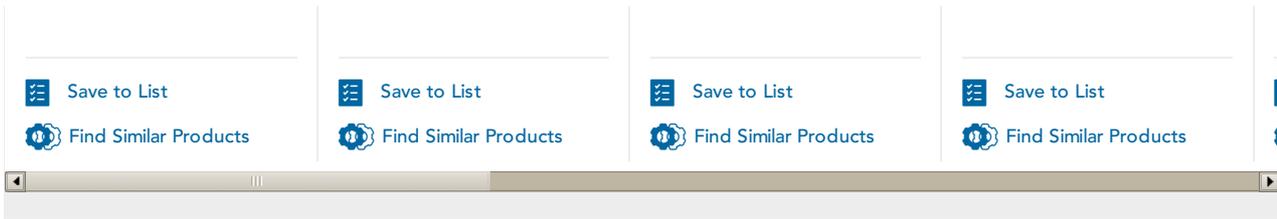
Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

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
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)	18
	Wire/Cable Size (mm ²)	.8
	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	Orange
	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 PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR CAPS & COVERS</p>  <p>CMNL IDC COVER 770233-1</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>8P RCPT VAL-U-LOK V0 1586019-8</p>	<p>STANDARD RECTANGULAR CONNECTORS</p>  <p>4P CMNL IDC PLUG 22AWG RED V2 770156-2</p>	<p>WIRE-TO-BOARD CONNECTOR CONTACTS</p>  <p>SHORT POINT CONT 30 DPLX STMPD LF 1-104479-0</p>
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Products - 11 Results

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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

**04P CMNL HDR ASSY
R/A BLK HT - 770846-1**

TE INTERNAL NUMBER: 770846-1

✓ Active

Always EU RoHS/ELV Compliant



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

**04P CMNL HDR ASSY PC
UL94VO - 350211-1**

TE INTERNAL NUMBER: 350211-1
ALIAS ID: 403558364

✓ Active

Always EU RoHS/ELV Compliant



