



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

06P UMNL PIN HDR ASSY 94VO BLK

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

1-641970-1

TE Internal Number: 1-641970-1

Always EU RoHS/ELV Compliant

Product Type **Header**

Housing Type **Plug**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating (A) **12**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[PIN HEADER ASSEMBLY, POLARIZED,6 CIRCUIT,UNIVERSAL MATE-N-LOK](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Catalog Pages/Data Sheets

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

PDF
English

Product Specifications

Product Specification

[Circuit Board Headers, Universal MATE-N-LOK Printed, Qualification](#)

PDF
English

[Circuit Board Headers, Universal MATE-N-LOK Printed, Qualification](#)

TIF
English

Product Environmental Compliance

TE Material Declaration

[MD_1-641970-1_07292013649_dmtec](#)

PDF
English

Instruction Sheets

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
	Housing Type	Plug
	Contact Type	Pin
Configuration Features	Number of Positions	6
	Centerline	6.35 mm [.25 in]
	PCB Mounting Orientation	Vertical
	Number of Rows	2
	Row-to-Row Spacing	6.35 mm [.25 in]
	Multiple Contact Types	Without
	Contact Layout	Matrix
Electrical Characteristics	Contact Current Rating (A)	12
	Operating Voltage (VAC)	600
Contact Features	Contact Retention	Without
	Contact Termination Area Plating Material	Pre-Tin
Termination Features	Termination Method to Wire/Cable	Solder
	Termination Method to PC Board	Through Hole - Solder
	Termination Post/Tail Length	3.56 mm [.14 in]
Mechanical Attachment	PCB Mount Alignment Type	Standard Polarized Tail
	Mating Alignment	With
	PCB Mount Alignment	With
	Assembly Integration Feature	Without
	Mating Retention	With
	PCB Mount Retention	Without
	Mating Retention Type	Positive Lock
	Panel Mount Retention	Without
Strain Relief	Without	

	Mating Alignment Type	Polarization
Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Black
	Housing Material	Nylon
Dimensions	PCB Thickness (Recommended)	1.57 mm [.062 in]
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Board
	Applies To	Printed Circuit Board
	Operating Temperature	-55 – 105 °C [-67 – 221 °F]
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	UL Rating	Recognized
	CSA File Number	LR7189
	Agency/Standard	CSA, UL
	VDE Tested	Yes
	CSA Rating	Certified
	Agency/Standard Number	E28476
Packaging Features	Packaging Method	Bag
	Packaging Quantity	100
Other	For Use With	Mates with Plug Housing (Using Socket Contacts)
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

Products - 3 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 | Universal MATE-N-LOK

06P UMNLII IN-LNE PLUG HSG KIT - 770020-1

TE INTERNAL NUMBER: 770020-1
ALIAS ID: 405257429, AMP-0-0770020-1, CJ6243-000

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **6**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

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

06P UMNL PLUG TEST ASSY 94V0 - 350848-6

TE INTERNAL NUMBER: 350848-6

✓ Active

Always EU RoHS/ELV Compliant

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Contact Current Rating **5 A**

Number of Positions **6**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

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

06P UMNL PLUG HSG - 350715-1

TE INTERNAL NUMBER: 350715-1
ALIAS ID: 402723738, AMP-0-0350715-1, E04329-000

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **6**

