+ CONNECTORS

RECTANGULAR POWER CONNECTORS

TE CONNECTIVITY (TE)

06P UMNL PINHDR NO DRAIN HOLE

MATE-N-LOK

1586090-1
TE Internal Number: 1586090-1

Always EU RoHS/ELV Compliant

Housing Type	**Receptacle**
Applies To	**Printed Circuit Board**
Contact Current Rating (A)	**9.5**
Number of Positions	**6**
UL Flammability Rating	**UL 94V-0**

✔ 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

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	Housing Type	**Receptacle**
	Contact Type	**Pin**
	Header Type	**Shrouded**

Configuration Features	Number of Positions	**6**
	Centerline	**6.35 mm [.249 in]**
	PCB Mounting Orientation	**Vertical**
	Number of Rows	**2**

	Row-to-Row Spacing	**6.35 mm [.25 in]**
	Contact Layout	**Matrix**

Electrical Characteristics	Contact Current Rating (A)	**9.5**
	Operating Voltage (VAC)	**600**

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

Termination Features	Termination Method to PC Board	**Through Hole**
	Termination Post/Tail Length	**4.44 mm [.174 in]**

Mechanical Attachment	PCB Mount Alignment Type	**Locating Posts**
	Mating Alignment	**With**
	PCB Mount Alignment	**With**
	Mating Retention	**With**
	PCB Mount Retention	**Without**
	Mating Retention Type	**Latch**
	Panel Mount Retention	**Without**
	Strain Relief	**Without**
	Mating Alignment Type	**Polarization**

Housing Features	UL Flammability Rating	**UL 94V-0**
	Housing Color	**Natural**
	Housing Material	**Nylon**

Dimensions	Length	**20.32 mm [.8 in]**
	Height	**13.97 mm [.549 in]**
	PCB Thickness (Recommended)	**1.57 mm [.061 in]**
	Width	**13.97 mm [.549 in]**

Operation/Application	Applies To	**Printed Circuit Board**
	Operating Temperature	**-40 – 105 °C [-40 – 221 °F]**

Packaging Features	Packaging Method	**Bag**

	Packaging Quantity	**100**

Other	Backwall/Post Interruptions	**Without**
	For Use With	**Plug Housing**

Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	