



RECTANGULAR POWER CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) PIN ASSY..070

Elcon | High Current Pin Headers

194017-1
TE Internal Number: 194017-1

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) **36**

Product Drawings

[HIGH CURRENT VERT. PIN HEADER ASSY, MATE-NLOK II, 3 CIRCUIT](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
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[Customer View Model](#)

3D_STP.ZIP
English

Catalog Pages/Data Sheets

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_194017-1_020320151541_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

Housing Type

Plug

Contact Type

Pin

Configuration Features	Number of Positions	3
	Centerline	6.35 mm [.25 in]
	PCB Mounting Orientation	Vertical
	Number of Rows	1
	Multiple Contact Types	Without
	Contact Layout	Inline
Electrical Characteristics	Contact Current Rating (A)	36
	Operating Voltage (VAC)	600
Contact Features	Contact Retention	Without
	Contact Termination Area Plating Material	Silver
	Contact Mating Area Plating Material	Silver
	Contact Termination Area Plating Thickness	5.08 µm [200 µin]
Termination Features	Termination Method to Wire/Cable	Solder
	Termination Method to PC Board	Through Hole - Solder
	Termination Post/Tail Length	3.69 mm [.145 in]
Mechanical Attachment	Mating Alignment	With
	Mating Retention	With
	PCB Mount Retention	Without
	PCB Mount Retention Type	Through Hole
	Mating Alignment Type	Polarization
	PCB Mount Alignment Type	Standard Polarized Tail
	PCB Mount Alignment	With
	Assembly Integration Feature	Without
	Mating Retention Type	Locking Tab
	Strain Relief	Without
Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	White
	Housing Material	Nylon GF
Dimensions	Width (mm)	7.62

Height (mm)	14.73
PCB Thickness (Recommended)	1.57 mm [.062 in]
Length (mm)	20.32

Usage Conditions	Sealed Condition	Not Sealed
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Operation/Application	Connector System	Wire-to-Board
	Applies To	Printed Circuit Board
	Operating Temperature	-55 – 105 °C [-67 – 221 °F]
	Circuit Application	Power

Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	VDE Tested	Yes
	CSA Rating	Certified
	Agency/Standard Number	E28476
	UL Rating	Recognized
	CSA File Number	LR16455
	Agency/Standard	CSA, UL

Packaging Features	Packaging Method	Bag
	Packaging Quantity	50

Other	For Use With	Plug with High Current Socket Contacts
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Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p> <p>PIN ASSY..070 194018-1</p> <p> Save to List</p>	<p>CHASSIS PANEL MOUNT RESISTORS</p> <p>TE 2000W 220R 5% Bracket TE2000B220RJ</p> <p> Save to List</p>	<p>POTENTIOMETERS</p> <p>CP16 470KB 6X45 DUAL NUTS FITTED CP16DH10IP6474BF</p> <p> Save to List</p>	<p>RECTANGULAR POWER CONNECTORS</p> <p>PIN ASSY..070 194009-1</p> <p> Save to List</p>
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