



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board**

Number of Positions: **4**

Centerline (Pitch): **6.35 mm [.25 in]**

Features

Product Type Features

Rectangular Power Connector Type	Header
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	4
PCB Mount Orientation	Vertical
Number of Power Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Layout	Inline
Contact Mating Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	12 A
Contact Retention Within Housing	Without
Contact Type	Socket
PCB Contact Termination Area Plating Material	Tin



Contact Mating Area Plating Material Thickness	3.81 – 5.08 μm [150 – 200 μin]
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Termination Features

Termination Post & Tail Length	4.57 mm[.179 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Strain Relief	Without
Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Latch
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	6.35 mm[.25 in]
Housing Color	Black
Housing Material	Nylon

Dimensions

Connector Height	13.97 mm[.55 in]
PCB Thickness (Recommended)	.06 mm[1.57 in]
Product Width	7.62 mm[.3 in]
Product Length	26.67 mm[1.05 in]

Usage Conditions

Operating Temperature Range	-40 – 105 $^{\circ}\text{C}$ [-40 – 221 $^{\circ}\text{F}$]
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Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

<p>TE Part # 1586077-1 03P UMNL PIN HDR ASSY W/O DRNS</p>	<p>TE Part # 1586076-1 02P UMNL PIN HDR W/O DRNS V2</p>	<p>TE Part # 1586845-1 04P UMNL CAP HSG NATL, GW</p>	<p>TE Part # 926305-6 UNML4WAY CAP</p>
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TE Part # 2-480703-0 04P UMNL CAP HSG NATL	TE Part # 794707-1 04P UMNL CAP HSG,BLACK	TE Part # 1586161-1 02P UMNL HDR 94VO NDH	TE Part # 1-1586683-5 15P UMNL HDR ASSY PC 94VO SL
TE Part # 1586683-9 15P UMNL HDR ASSY PC 94VO SL	TE Part # 1-1586683-0 15P UMNL HDR ASSY PC 94VO SL	TE Part # 1586162-1 03P UMNL PIN HDR 94VO NDH	TE Part # 1586163-1 04P UMML PIN HDR 94VO NDH
TE Part # 794584-2 05P UMNL SOC HDR ASS POL BLACK	TE Part # 794783-3 04P UMNL HDR ASSY,BLACK LF	TE Part # 926305-1 4P UNIV M-N-L CAP	

Also in the Series | **Universal MATE-N-LOK**

Circular Power Connectors(2)	Connector Contacts(2)	Connector Seals & Cavity Plugs(27)	Connector Strain Relief(34)
Insertion & Extraction Tools(4)	Power Contacts(209)	Rectangular Connector Adapters(7)	Rectangular Connector Hardware(1)



 Rectangular Connector Housings(1)	 Rectangular Connector Keying Plugs(3)	 Rectangular Connector Locking(8)	 Rectangular Power Connectors(672)
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Customers Also Bought

 TE Part #63241-1 FF 110 REC 22-18AWG BR	 TE Part #643428-2 12P UMNL HDR ASSY POL	 TE Part #1423794-1 T9AS2L22-24	 TE Part #2-1803060-2 ANVIL, COMBINATION, END FEED
 TE Part #42189-1 FLAG TERMINAL TERMINAL 18-12 AWG TPBR	 TE Part #62804-2 BOBBIN TERMINAL 22-18 AWG TPCUBR	 TE Part #63945-1 BOBBIN TERMINAL TAB TPCUBR	 TE Part #6474561-1 FSN-23.25Z-16
 TE Part #1-1393210-6 T9AS1D12-22	 TE Part #3-1393210-5 T9AS5D12-22		

Documents

Product Drawings

04P UMNL HDR ASSY,BLACK

English

CAD Files

Customer View Model

ENG_CVM_794783-1_B1.3d_igs.zip

English

Customer View Model



[ENG_CVM_794783-1_B1.3d_stp.zip](#)

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English

3D PDF

3D

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Customer View Model

[ENG_CVM_CVM_794783-1_B.2d_dxf.zip](#)

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Customer View Model

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Customer View Model

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English

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Product Specifications

Application Specification

English

Product Environmental Compliance

[MD_794783-1_10032016247_dmtec](#)

English

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English