193839-2 ACTIVE

ELCON

TE Internal #: 193839-2

Rectangular Power Connectors, Header, Receptacle, Wire-to-

Board, 3 Position, .25 in [6.35 mm] Centerline, Printed Circuit Board,

UL 94V-0

View on TE.com >

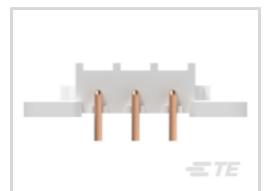


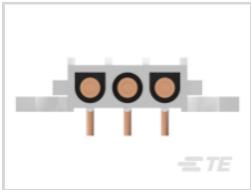
Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors











Rectangular Power Connector Type: Header

Connector & Housing Type: Receptacle

Connector System: Wire-to-Board

Number of Positions: 3

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

Features

Product Type Features

Contact Layout

Contact Type

Contact Current Rating (Max)

Contact Retention Within Housing

Rectangular Power Connector Type	Header
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Number of Positions	3
PCB Mount Orientation	Right Angle
Number of Rows	0
Contact Features	

Inline

36 A

Without

Socket



Termination Post & Tail Length Termination Method to Printed Circuit Board Mechanical Attachment Strain Relief Muting Alignment Type Mating Alignment PCB Mount Retention PCB Mount Retention Type Mount Retention Type Mount Retention Type Mount Retention Muting Retention Muting Retention Muting Retention Muting Retention Muting Retention Type Connector Mounting Type Mount Retention Type Connector Mounting Hole Connector Mounting Hol		
Contact Mating Area Plating Material Thickness 5.08 µm/200 µin] Contact Termination Area Plating Thickness 5.08 µm/200 µin] Termination Features Termination Features Termination Post & Tail Length 4.06 mm/1.16 in] Termination Method to Printed Circuit Board Through I fole - Solder Mechanical Attachment Strain Rollef Without Mating Alignment Type Polarization Mating Alignment Without PCR Mount Alignment PCR Mount Alignment PCR Mount Retention PCR Mount Retention PCR Mount Retention Type Mounting Hole Connector Mounting Type Beard Mount Mating Retention Type Locking Tab Housing Retention Type Locking Tab Housing Features Centerline (Pitch) 6.35 mm/25 in] Housing Material Nylen GP Dimensions Width 17,27 mm PCR Thickness (Recommended) 1.57 mm/1062 in] Height 9.14 mm Length 37,97 mm Usage Conditions Operation/Application Operation/Application Assembly Integration Feature Without Circuit Application Without Circuit Application Power	PCB Contact Termination Area Plating Material	Silver
Contact Termination Features Termination Features Termination Post & Tail Length 4.06 mm[.16 in] Termination Method to Printed Circuit Board 7.00 mm[.16 in] Termination Method to Printed Circuit Board 8.00 mm[.16 in] Maring Alignment 8.00 mm[.16 in] Maring Alignment 1ype 9.0 polarization 9.00 mm[.16 in] Maring Alignment 9.0 mm[.16 in] Maring Alignment 1ype 9.0 mm[.16 in] Maring Alignment 9.0 mm[.16 in] Maring Alignment 9.0 mm[.16 in] Maring Alignment 9.0 mm[.16 in] Maring Retention 1ype 9.0 mm[.16 in] Maring Alignment 9.0 mm[.	Contact Mating Area Plating Material	Silver
Termination Features Termination Post & Tail Length 4.06 mm 16 in Termination Method to Printed Circuit Board 1 hrough Hole - Solder Mechanical Attachment Strain Relief Without Mating Alignment Type Polarization Mating Alignment With PCB Mount Alignment With PCB Mount Retention With PCB Mount Retention With PCB Mount Retention Type Mounting Hole Connector Mounting Type Board Mount Mating Retention Type Locking Tab Housing Features Centerline (Rich) 6.35 mm 25 in Housing Color White Housing Material Nylon GF Dimensions Width 17.27 mm PCB Thickness (Recommended) 1.57 mm 0.62 in Teight 9.14 mm Jacque Conditions Operating Lemperature Range -55 - 105 °C[-67 - 221 °F] Operation/Application Assembly Integration Feature Without Creuit Application Without Power	Contact Mating Area Plating Material Thickness	5.08 μm[200 μin]
Termination Post & Tail Length Termination Method to Printed Circuit Board Mechanical Attachment Strain Relief Muting Alignment Type Mating Alignment PCB Mount Retention PCB Mount Retention Type Mount Retention Type Mount Retention Type Mount Retention Muting Retention Muting Retention Muting Retention Muting Retention Muting Retention Type Connector Mounting Type Mount Retention Type Connector Mounting Hole Connector Mounting Hol	Contact Termination Area Plating Thickness	5.08 μm[200 μin]
Mechanical Attachment Strain Relief Without Mating Alignment Type Polarization Mating Alignment PCB Mount Alignment PCB Mount Retention With PCB Mount Retention Type Mounting Hole Connector Mounting Hype Board Mount Mating Retention Type Board Mount Mithout Circuit Application Feature Without Circuit Application Feature Without	Termination Features	
Mechanical Attachment Strain Relief Without Mating Alignment Type Polarization Mating Alignment With PCB Mount Alignment Without PCB Mount Retention With PCB Mount Retention Type Mounting Hole Connector Mounting Type Board Mount Mating Retention Type Locking Tab Housing Retention Type Locking Tab Housing Color White Housing Material Nylon GF Dimensions Width 17.27 mm PCB Thickness (Recommended) 1.57 mm(062 in) Height 9.14 mm Length 9.19 mm Usage Conditions Operating Temperature Range 555 – 105 °C[-67 – 221 °F] Operation/Application Assembly Integration Feature Without Cricuit Application Feature Without Cricuit Application Feature Without Cricuit Application Feature Without With With Without Without Without Without Without Without Without Without Power	Termination Post & Tail Length	4.06 mm[.16 in]
Strain Relief Without Mating Alignment Type Polarization Mating Alignment With PCB Mount Alignment Without PCB Mount Retention With PCB Mount Retention Type Mounting Hole Connector Mounting Type Board Mount Mating Retention Type Iocking Tab Housing Retention Type Iocking Tab Housing Features Centerline (Pitch) 6.35 mm[.25 in] Housing Color White Housing Material Nylon GF Dimensions Width 17.27 mm PCB Thickness (Recommended) 1.57 mm[.062 in] Height 9.14 mm Length 37.97 mm Usage Conditions Operating Temperature Range 55 = 105 °C[-67 - 221 °F] Operation/Application Assembly Integration Feature Without Circuit Application Peature Without Circuit Application Peature Without Power	Termination Method to Printed Circuit Board	Through Hole - Solder
Mating Alignment Type Mating Alignment Mating Alignment Mount Alignment Mount Alignment Mount Retention Mount Retention Mounting Type Mount Retention Mating Retention Mating Retention Mating Retention Type Locking Tab Housing Features Centerline (Pitch) Assembly Integration Feature Assembly Integration Feature With Mith Mating Retention Mounting Type Mounting Hole Mounting Hole Mounting Hole Mounting Hole Mounting Hole Mounting Hole Mounting Type Roard Mount With Assembly Integration Feature With Mounting Retention Type Assembly Integration Feature Without Mounting Hole Without Mounting Hole With Mounting Hole Without With Mounting Hole Without With Mounting Hole Without Without Mounting Hole Mounting	Mechanical Attachment	
Mating Alignment PCB Mount Alignment Without PCB Mount Retention With PCB Mount Retention With PCB Mount Retention Type Mounting Hole Connector Mounting Type Board Mount Mating Retention With Mating Retention Type Locking Tab Housing Features Centerline (Pitch) 6.35 mm[25 in] Housing Color White Housing Material Nylon GF Dimensions Width 17.27 mm PCB Thickness (Recommended) 1.57 mm[.062 in] Height Length 37.97 mm Usage Conditions Operating Temperature Range Operation/Application Assembly Integration Feature Circuit Application Without Without	Strain Relief	Without
PCB Mount Alignment PCB Mount Retention PCB Mount Retention Type Mounting Hole Connector Mounting Type Board Mount Mating Retention Mating Retention Type Locking Tab Housing Features Centerline (Pitch) Assambly Integration Feature Operation/Application Assembly Integration Feature Without With Without With Wouting Tab Mounting Hole Mounting Hole Mounting Hole Mounting Hole Mounting Hole Mounting Tab With Acknowled With Acknowled Mounting Hole Mounting Ho	Mating Alignment Type	Polarization
PCB Mount Retention PCB Mount Retention Type Mounting Hole Connector Mounting Type Board Mount Mating Retention Mating Retention Type Locking Tab Housing Features Centerline (Pitch) Housing Color White Housing Material Nylon GF Dimensions Width 17.27 mm PCB Thickness (Recommended) Height Length Jay 19.14 mm Length Usage Conditions Operating Temperature Range Operating Jemperature Range Operating Jemperature Circuit Application Assembly Integration Feature Circuit Application Mounting Mounting Mounting Hole With Mounting Hole With 1.5ck in Jemperature Mounting Hole With 1.57 mm[0.62 in] 4.57 mm Usage Conditions Operating Jemperature Range Power	Mating Alignment	With
PCB Mount Retention Type Connector Mounting Type Board Mount Mating Retention With Mating Retention Type Locking Tab Housing Features Centerline (Pitch) Housing Color White Housing Material Nylon GF Dimensions Width 17.27 mm PCB Thickness (Recommended) Height Length John Mating Retention Type Operating Temperature Range Operation/Application Assembly Integration Feature Without Circuit Application With Mounting Hole Board Mount With With Housing Mount With Assembly Integration Feature Without Without Power	PCB Mount Alignment	Without
Connector Mounting Type Mating Retention With Mating Retention Type Locking Tab Housing Features Centerline (Pitch) Housing Color White Housing Material Nylon GF Dimensions Width 17.27 mm PCB Thickness (Recommended) Height Length 1.57 mm[.062 in] Height Length Usage Conditions Operating Temperature Range Operation/Application Assembly Integration Feature Without Power	PCB Mount Retention	With
Mating Retention With Mating Retention Type Locking Tab Housing Features Centerline (Pitch) 6.35 mm[.25 in] Housing Color White Housing Material Nylon GF Dimensions Width 17.27 mm PCB Thickness (Recommended) 1.57 mm[.062 in] Height 9.14 mm Length 37.97 mm Usage Conditions Operating Temperature Range -55 – 105 °C -67 – 221 °F Operation/Application Assembly Integration Feature Without Circuit Application Power	PCB Mount Retention Type	Mounting Hole
Mating Retention Type Housing Features Centerline (Pitch) Housing Color White Housing Material Nylon GF Dimensions Width 17.27 mm PCB Thickness (Recommended) Height Length 37.97 mm Usage Conditions Operating Temperature Range Operation/Application Assembly Integration Feature Circuit Application Locking Tab Loc	Connector Mounting Type	Board Mount
Housing Features Centerline (Pitch) 6.35 mm[.25 in] Housing Color White Housing Material Nylon GF Dimensions Width 17.27 mm PCB Thickness (Recommended) 1.57 mm[.062 in] Height 9.14 mm Length 37.97 mm Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Assembly Integration Feature Without Circuit Application Power	Mating Retention	With
Centerline (Pitch) Housing Color White Housing Material Nylon GF Dimensions Width 17.27 mm PCB Thickness (Recommended) Height 1.57 mm[.062 in] Height 1.59 mm Usage Conditions Operating Temperature Range Operation/Application Assembly Integration Feature Circuit Application Power	Mating Retention Type	Locking Tab
Housing Color Housing Material Nylon GF Dimensions Width 17.27 mm PCB Thickness (Recommended) 1.57 mm[.062 in] Height 9.14 mm Length 37.97 mm Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Assembly Integration Feature Circuit Application Power	Housing Features	
Housing Material Dimensions Width 17.27 mm PCB Thickness (Recommended) 1.57 mm[.062 in] Height 9.14 mm Length 37.97 mm Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Assembly Integration Feature Without Circuit Application Power	Centerline (Pitch)	6.35 mm[.25 in]
Dimensions Width 17.27 mm PCB Thickness (Recommended) 1.57 mm[.062 in] Height 9.14 mm Length 37.97 mm Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Assembly Integration Feature Without Circuit Application Power	Housing Color	White
Width 17.27 mm PCB Thickness (Recommended) 1.57 mm[.062 in] Height 9.14 mm Length 37.97 mm Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Assembly Integration Feature Without Circuit Application Power	Housing Material	Nylon GF
PCB Thickness (Recommended) Height 9.14 mm Length 37.97 mm Usage Conditions Operating Temperature Range Operation/Application Assembly Integration Feature Circuit Application 1.57 mm[.062 in] 9.14 mm 37.97 mm Without Fower	Dimensions	
Height 9.14 mm Length 37.97 mm Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Assembly Integration Feature Without Circuit Application Power	Width	17.27 mm
Length 37.97 mm Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Assembly Integration Feature Without Circuit Application Power	PCB Thickness (Recommended)	1.57 mm[.062 in]
Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Assembly Integration Feature Circuit Application Power	Height	9.14 mm
Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Assembly Integration Feature Without Circuit Application Power	Length	37.97 mm
Operation/Application Assembly Integration Feature Without Circuit Application Power	Usage Conditions	
Assembly Integration Feature Circuit Application Power	Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Circuit Application Power	Operation/Application	
	Assembly Integration Feature	Without
Industry Standards	Circuit Application	Power
	Industry Standards	



CSA Rating	Certified
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR16455
VDE Tested	Yes
Packaging Features	
Packaging Method	Bag
Packaging Quantity	50
Other	
For Use With	Plug Housing

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

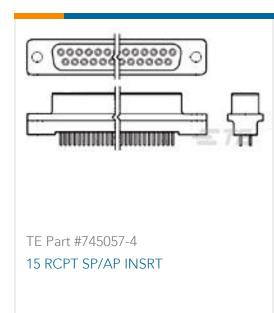
Compatible Parts



Customers Also Bought















TE Part #YDTS20W11-35PNC001 RECP ASSY



TE Part #YDTS20W21-35SNC001
RECP ASSY



TE Part #1571550-6 520-AG12D-LF=500 DIP,PCB,SN/SN



Documents

Product Drawings
SKT HEADER, RIGHT ANGLE

English



CAD Files

Customer View Model

ENG_CVM_CVM_193839-2_D.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_193839-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_193839-2_D.3d_stp.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

VDE Certificate

English