350428-4 ✔ ACTIVE

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

TE Internal #: 350428-4

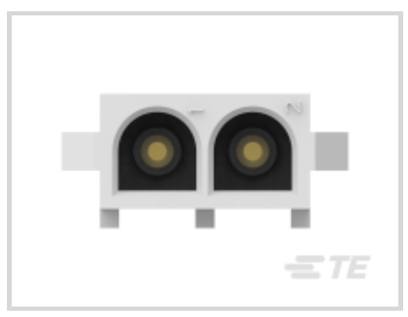
Rectangular Power Connectors, Header, Receptacle, Wire-to-Board, 2 Position, 6.35 mm [.25 in] Centerline, Printed Circuit Board, Universal MATE-N-LOK

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: **2**

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

Features

Product Type Features

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	2
PCB Mount Orientation	Vertical
Number of Power Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Multiple Contact Types	Without

PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Layout	Inline
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	12 A
Contact Retention Within Housing	Without
Contact Type	Pin
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 - .91 µm[30 - 36 µin]

Termination Features

Termination Post & Tail Length	3.05 mm[.12 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	Positive Lock
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Connector Height	13.97 mm
PCB Thickness (Recommended)	1.57 mm[.062 in]
Product Width	7.62 mm
Product Length	13.97 mm

Usage Conditions

Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]

Operation/Application

Circuit Application	Power

Industry Standards

CSA Rating	Certified, LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL, VDE
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-2
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

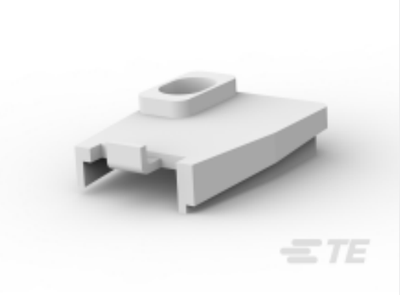
Compatible Parts



TE Part # 1-350589-0
STR/REL CLAMP NATL



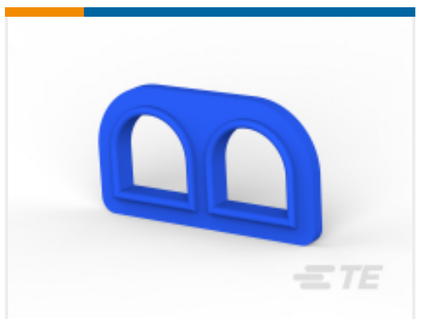
TE Part # 350811-1
STR/REL CLAMP



TE Part # 640713-2
02P UMNL STR/RELIEVE



TE Part # 1-480698-0
02P UMNL PLUG HSG NATL



TE Part # 794269-1
02P UMNL INTERFACE SEAL



TE Part # 794815-1
02P UMNL CAP HSG,HI TEMP



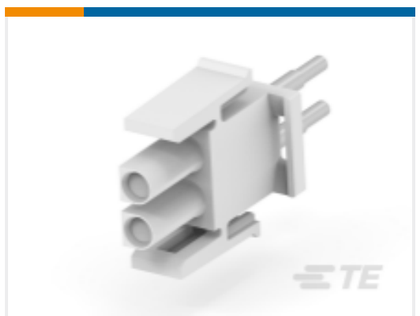
TE Part # 1703062-1
CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK



TE Part # 794991-1
02P UMNL BLACK INTERFACE SEAL



TE Part # 1586856-1
02P UMNL CAP HSG, GW



TE Part # 350848-2
02P UMNL PLUG TEST ASSY 94VO



TE Part # 640713-1
02P UMNL STR/REL & INSERT



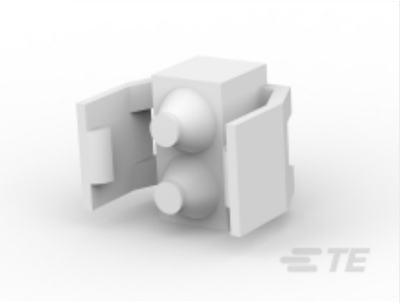
TE Part # 1-640719-1
02P UMNL STR/REL NATL



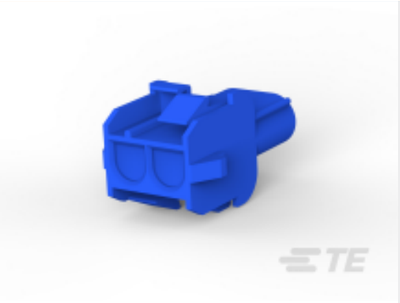
TE Part # 794270-1
02P UMNL WIRE SEAL



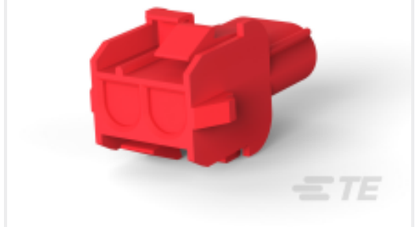
TE Part # 1-640719-0
02P UMNL STR/REL & INSRT NATL



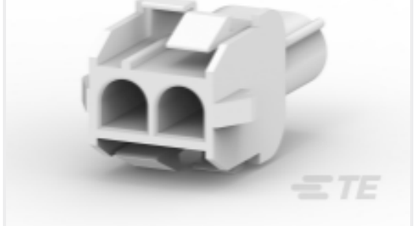
TE Part # 643250-1
02P UMNL ASSY MOD HSG V0



TE Part # 1703062-2
CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK



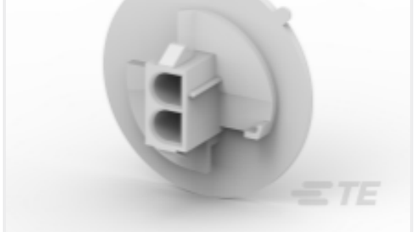
TE Part # 1703062-3
CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK



TE Part # 2-480699-0
02P UMNL CAP HSG NATL



TE Part # 2178649-1
2P UMNL CAP HSG, GW



TE Part # 2178649-2
2P UMNL CAP HSG, GW

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



Connector Contacts(209)



Connector Hardware(12)



Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



Rectangular Connector Housings(1)

Rectangular Power Connectors(671)

Standard Circular Connectors(1)

Customers Also Bought



TE Part # 1-6609036-4
30VSK6=F7518 S0



TE Part # 3-178140-2
DYNAMIC D3200 HDR V ASSY 6P



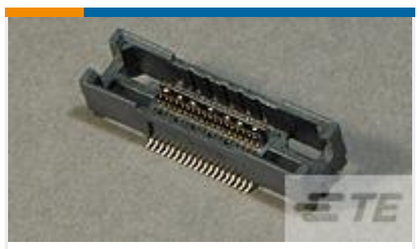
TE Part # 5747190-2
09 RCPT SP/MS CNUT



TE Part # 1473565-8
RITS CONN.HDR ASSY 8P



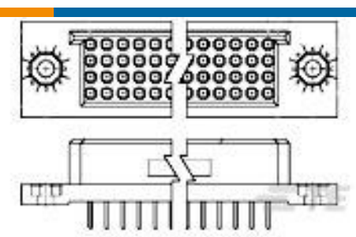
TE Part # 1-1393194-5
T77S1D3-12



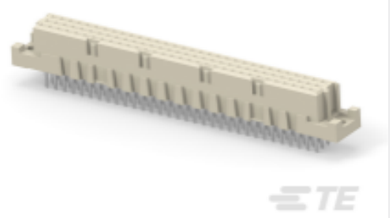
TE Part # 5767114-1
MICT,REC,038,ASY,.025,TAPE,CAP



TE Part # 640900-3
05P UMNL PIN HDR ASSY 94VO LF



TE Part # 5-533285-3
BOX II 4 ROW RECP ASSY 128 POS



TE Part # 224408-E
STVC 96 F ABC VVV 7-00 EE 5,5 * 247 E007

Documents

Product Drawings

02P UMNL PIN HDR ASSY NATL AU

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_350428-4_Y.2d_dxf.zip

English

Customer View Model

ENG_CVM_350428-4_Y.3d_igs.zip

English

Customer View Model

ENG_CVM_350428-4_Y.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_350428-4_AH.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_350428-4_AH.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_350428-4_AH.3d_stp.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English