350787-3 ✔ ACTIVE

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

TE Internal #: 350787-3

PCB Mount Header, Vertical, Wire-to-Board, 2 Position, 6.35 mm [.25 in] Centerline, Fully Shrouded, Gold (Au), Universal MATE-N-LOK

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Connectors > PCB Connectors > PCB Headers & Receptacles







PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **2**

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

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Columns	2
Number of Loaded Positions	2
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	2
Number of Rows	1

Number of Power Positions	2

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Primary Product Color	White

Contact Features

Contact Underplating Material	Nickel
Mating Pin Diameter	2.2 mm[.087 in]
Contact Underplating Material Thickness	1.27 – 1.79 µm[50 – 70 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Size	2.2mm
Contact Shape & Form	Round
PCB Contact Termination Area Plating Material Thickness	3.81 – 5.08 µm[150 – 200 µin]
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold (Au)
Contact Mating Area Plating Material Thickness	.76 – .91 µm[30 – 36 µin]
Contact Type	Pin
Contact Current Rating (Max)	12 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Post & Tail Diameter	1.57 mm[.062 in]
Termination Post & Tail Length	5.09 mm[.2 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Locking Tab
Mating Alignment Type	Polarization
PCB Mount Alignment	Without
Mating Retention	With
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Mating Alignment	With

Housing Features

Mating Entry Location	Top
Centerline (Pitch)	6.35 mm[.25 in]
Housing Material	Nylon

Dimensions

Connector Width	7.62 mm[.3 in]
PCB Thickness (Recommended)	3.18 mm[.125 in]
Connector Height	13.97 mm[.55 in]
Connector Length	13.97 mm[.55 in]
Profile Height from PCB	14.73 mm[.58 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Power

Industry Standards

Compatible With Agency/Standards Products	UL, VDE
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	200
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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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



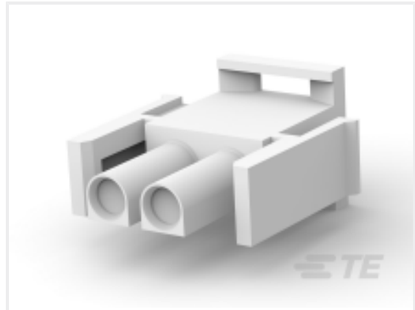
TE Part # 1703062-2
CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK



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



TE Part # 2178649-3
2P UMNL CAP HSG, GW



TE Part # 350777-1
02P UMNL PLUG HSG



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



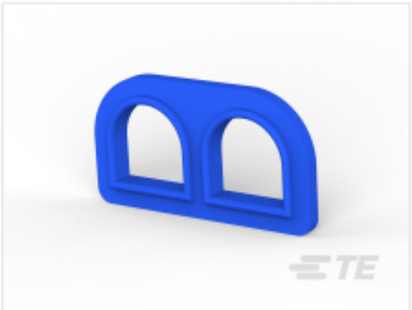
TE Part # 1703062-3
CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK



TE Part # 350811-1
STR/REL CLAMP



TE Part # 794270-1
02P UMNL WIRE SEAL



TE Part # 794269-1

02P UMNL INTERFACE SEAL



TE Part # 1-350589-0

STR/REL CLAMP NATL



TE Part # 640713-2

02P UMNL STR/RELIEVE



TE Part # 770017-1

02P UMNLII IN-LNE PLUG HSG KIT

TE Part # 2178649-2

2P UMNL CAP HSG, GW

TE Part # 643250-1

02P UMNL ASSY MOD HSG V0

TE Part # 794815-1

02P UMNL CAP HSG,HI TEMP

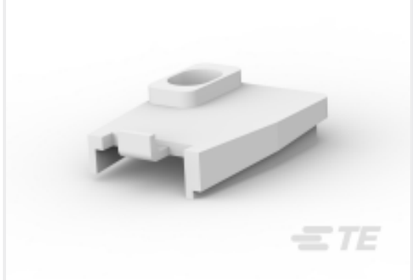
TE Part # 2178927-1

02P UMNL CAP HSG



TE Part # 1-640719-1

02P UMNL STR/REL NATL



TE Part # 1-640719-0

02P UMNL STR/REL & INSRT NATL



TE Part # 2-480699-0

02P UMNL CAP HSG NATL



TE Part # 1703062-1

CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK

Also in the Series | Universal MATE-N-LOK

Circular Power Connectors(2)

Connector Contacts(206)

Connector Hardware(12)

Power Contacts(206)



Rectangular Power Connectors(642)



Standard Circular Connectors(1)

Customers Also Bought



TE Part #CAT-C73765-M1H
M12 Panel Mount PCB



TE Part #194012-1
PIN ASSY..070



TE Part #292304-3
STD USB TYPE B, R/A, T/H



TE Part #641966-1
03P UMNL PIN HDR ASSY 94VO



TE Part #643410-1
08P UMNL PIN HDR ASSY POL 94VO



TE Part #643414-1
03P UMNL HDR ASSY POL 94VO



TE Part #2-794617-4
24POS,MICRO MNL,RCPT HSG



TE Part #1609078-1
6ESRM-P=F6990



TE Part #2-2176056-5
RLP73K 2B R10 5% 5K RL

Documents

Product Drawings

02P UMNL PIN HDR ASSY 94VO LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_350787-3_V.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_350787-3_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_350787-3_V.3d_stp.zip

English

Customer View Model

ENG_CVM_350787-3_P.3d_igs.zip

English

Customer View Model

ENG_CVM_350787-3_P.3d_stp.zip

English

Customer View Model

ENG_CVM_350787-3_P.2d_dxf.zip

English

3D PDF

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

Agency Approvals

UL

English