350432-4 ✔ ACTIVE

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

TE Internal #: 350432-4

Header, Receptacle, Wire-to-Board, 9 Position, 6.35 mm [.25 in]
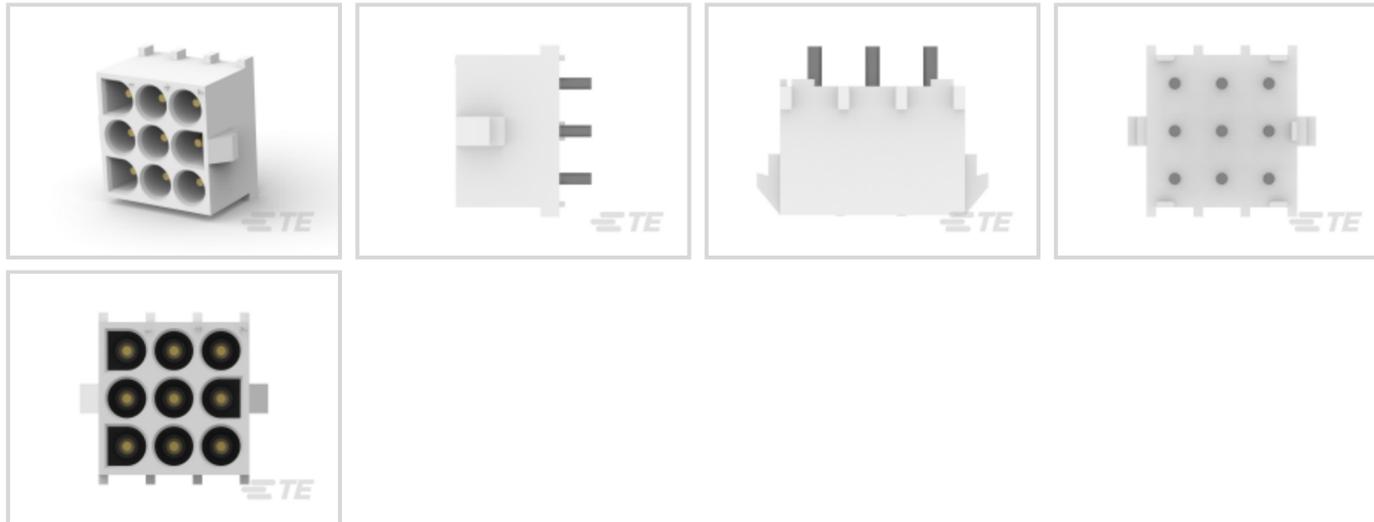Centerline, Printed Circuit Board, Universal MATE-N-LOK,
Rectangular Power Connectors

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: **9**

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	9
PCB Mount Orientation	Vertical
Number of Power Positions	9
Number of Rows	3

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Multiple Contact Types	Without

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PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Layout	Matrix
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 PCB	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	20.32 mm
Product Length	20.32 mm
Row-to-Row Spacing	6.35 mm[.25 in]

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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

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Compatible Parts

TE Part # 350812-1

STR/REL CLAMP UMNL

TE Part # 1-640722-0

09P UMNL STR/REL & INSRT NATL

TE Part # 794277-1

09P UMNL INTERFACE SEAL

TE Part # 640716-1

09P UMNL STR/REL & INSRT

TE Part # 927231-3

HONHUS UMNL V0 9-P

TE Part # 1-350590-0

STR/REL CLAMP NATL

TE Part # 927231-5

UNML CAP HSG 9WAY

TE Part # 794994-1

09P UMNL BLACK INTERFACE SEAL

TE Part # 1-480706-0

09P UMNL PLUG HSG NATL

TE Part # 794278-1

09P UMNL WIRE SEAL

TE Part # 1586853-1

09P UMNL CAP HSG, GW

TE Part # 643254-1

09P UMNL ASSY MOD HSG VO

TE Part # 794538-1

09P UMNL CAP HSG 150C BLK

TE Part # 1969882-1

09P UMNL CAP HSG, P/M, GW V0

TE Part # 2029299-1

9 POS UMNL CAP W/LARGE FLANGE-
V0

TE Part # 2029315-1

09P UMNL CAP HSG 150C-RED

Also in the Series | Universal MATE-N-LOK

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Header, Receptacle, Wire-to-Board, 9 Position, 6.35 mm [.25 in] Centerline, Printed Circuit Board, Universal MATE-N-LOK, Rectangular Power Connectors

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(670)

Standard Circular Connectors(1)

Customers Also Bought

TE Part #1-179553-2
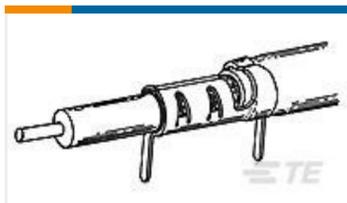DYNAMIC D-3200S TAB HSG 2P K/X

TE Part #413985-3
PLUG ASSY,STR,SMB

TE Part #5-104363-6
07 MTE HDR SRST LATCH .100CL

TE Part #1761008-3
SFP 1X4 CAGE & LIGHT PIPE KIT

TE Part #350713-4
12P UMNL PIN HDR ASSY 94VO LF

TE Part #9-226176-2
BRAID PIC TERMINAL, LF PLTG

TE Part #350792-3
04P UMNL PIN HDR ASSY 94VO LF

TE Part #2318579-1
RCPT CONN R/A SMT 76 POSN QSFP-DD

Header, Receptacle, Wire-to-Board, 9 Position, 6.35 mm [.25 in] Centerline, Printed Circuit Board, Universal MATE-N-LOK, Rectangular Power Connectors

TE Part #58516-1
LOCATOR SUBASSEMBLY

Documents

Product Drawings

09P UMNL PIN HDR ASSY NATL LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_350432-4_AB.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_350432-4_AB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_350432-4_AB.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_350432-4_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_350432-4_W.3d_igs.zip

English

Customer View Model

ENG_CVM_350432-4_W.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

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Agency Approvals
UL

English