

350765-5 ✓ ACTIVE

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

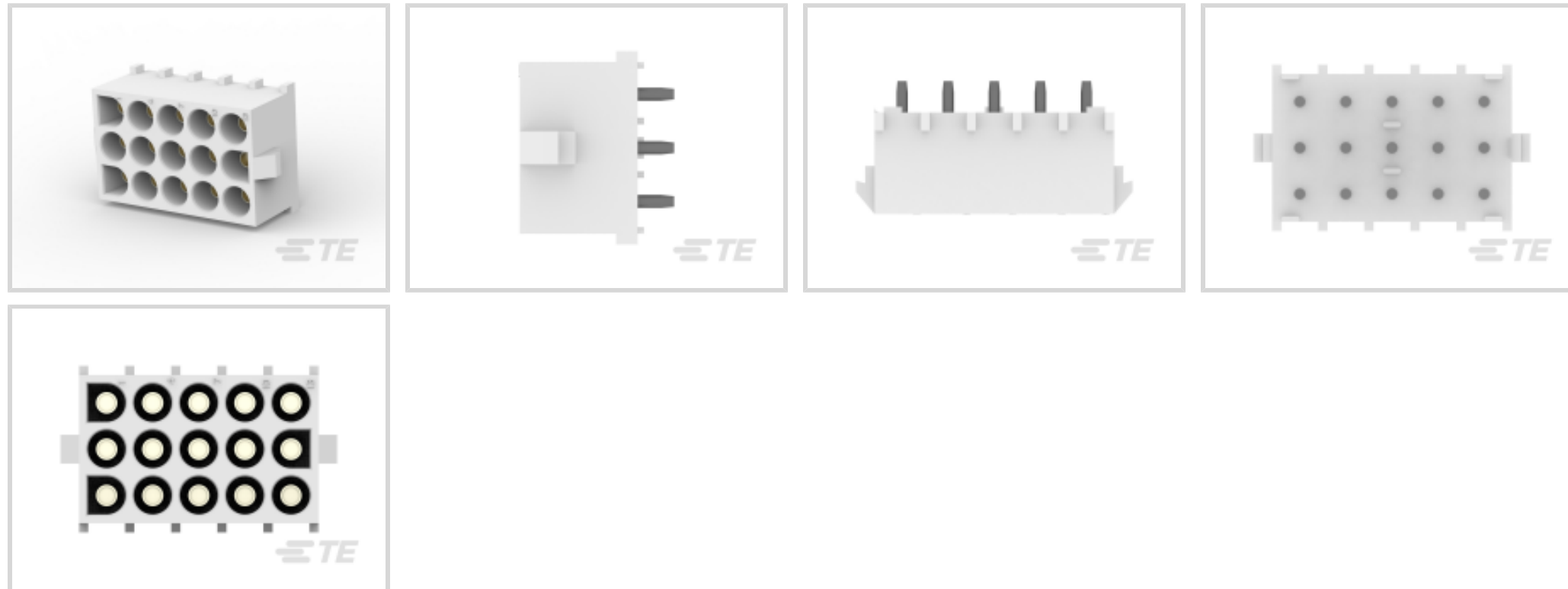
TE Internal #: 350765-5

PCB Mount Header, Vertical, Wire-to-Board, 15 Position, 6.35 mm [.25 in] Centerline, Fully Shrouded, Gold, Through Hole - Solder, Universal MATE-N-LOK

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

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

Number of Positions: **15**

Number of Rows: **3**

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

Features

Product Type Features

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

Configuration Features

Number of Power Positions	15
Number of Columns	5
Number of Loaded Positions	15
Connector Contact Load Condition	Fully Loaded
Number of Positions	15
Number of Rows	3



PCB Mount Orientation	Vertical
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Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Size	2.95mm
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PCB Contact Termination Area Plating Material Thickness	3.81 – 5.08 μm [150 – 200 μin]
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Contact Layout	Matrix
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Contact Underplating Material Thickness	1.27 – 1.79 μm [50 – 70 μin]
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Contact Mating Area Plating Material Thickness	.76 – .91 μm [30 – 36 μin]
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PCB Contact Termination Area Plating Material Finish	Matte
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Contact Shape & Form	Round
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Contact Underplating Material	Nickel
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PCB Contact Termination Area Plating Material	Tin
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Contact Base Material	Phosphor Bronze
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Contact Mating Area Plating Material	Gold
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Contact Type	Socket
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Contact Current Rating (Max)	12 A
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Termination Features

Termination Post & Tail Diameter	1.57 mm[.062 in]
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Termination Post & Tail Length	3.56 mm[.14 in]
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Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

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

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

Dimensions

Connector Length	33.02 mm [1.3 in]
Connector Height	13.97 mm [.55 in]
Connector Width	20.32 mm [.8 in]
PCB Thickness (Recommended)	1.57 mm [.062 in]
Profile Height from PCB	14.73 mm [.58 in]
Row-to-Row Spacing	6.35 mm [.25 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

UL Rating	Recognized
Glow Wire Rating	Standard Part - Not Glow Wire
Compatible With Agency/Standards Products	CSA, UL, VDE
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	78
Packaging Method	Carton

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

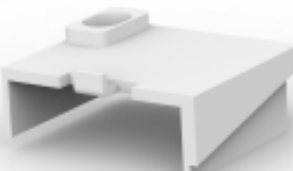
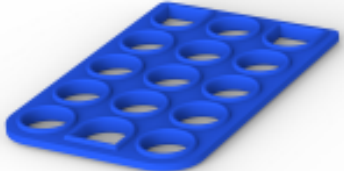



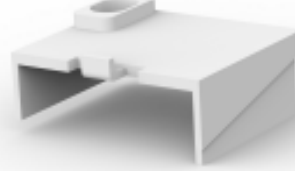


Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Wave solder capable to 265°C
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Product Compliance Disclaimer

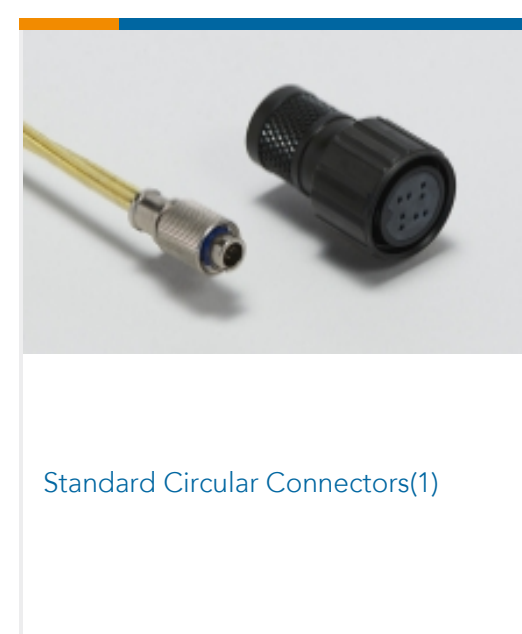
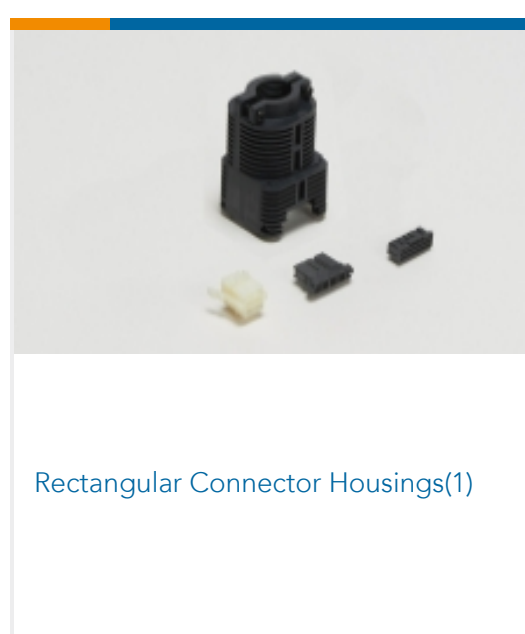
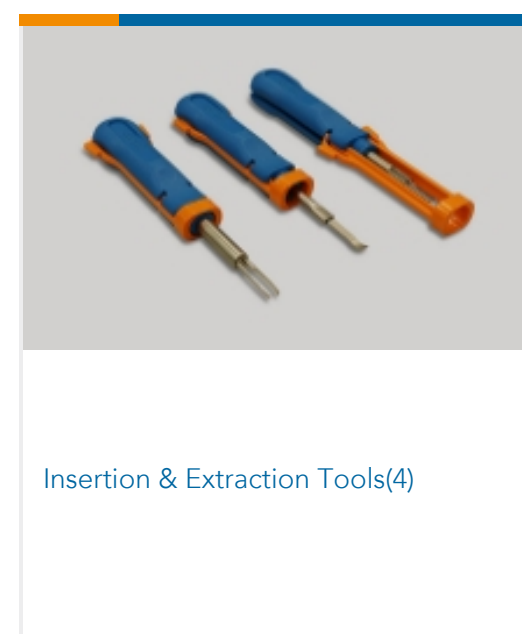
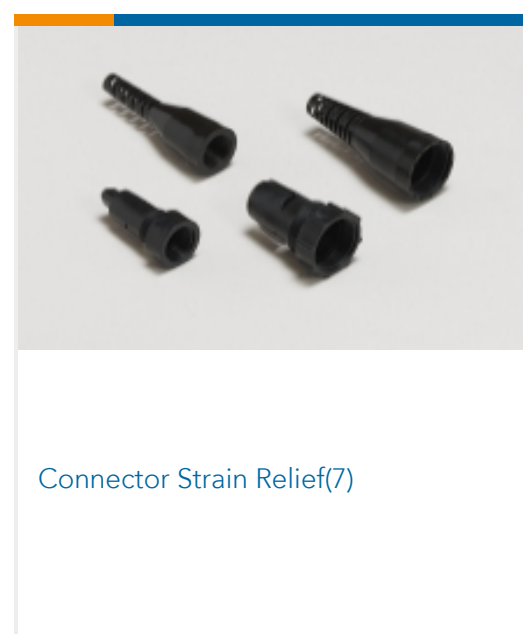
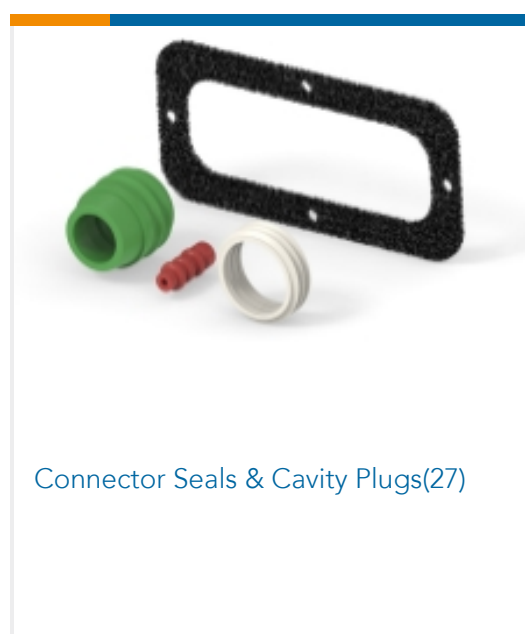
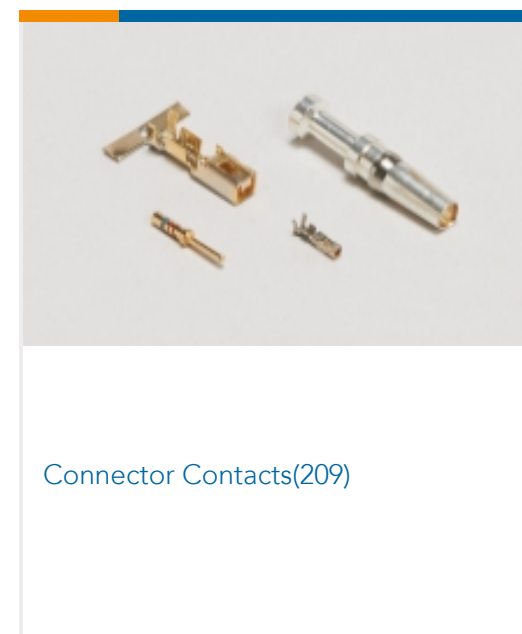
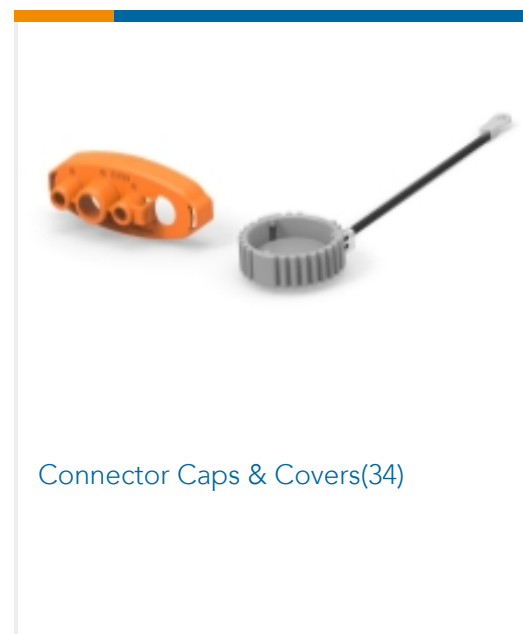
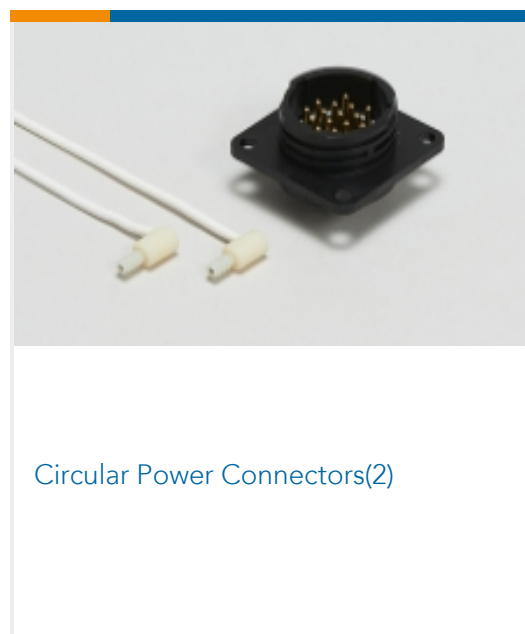
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-640724-0 15P UMNL STR/REL & INSRT NATL</p>	 <p>TE Part # 794281-1 15P UMNL INTERFACE SEAL</p>	 <p>TE Part # 794282-1 15P UMNL WIRE SEAL</p>	 <p>TE Part # 350812-1 STR/REL CLAMP UMNL</p>
 <p>TE Part # 926647-3 UNIV.M-N-L.CAP HSG</p>	 <p>TE Part # 640718-1 15P UMNL STR/REL</p>	 <p>TE Part # 1-480710-0 15P UMNL PLUG HSG NATL</p>	 <p>TE Part # 1-350590-0 STR/REL CLAMP NATL</p>



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



Customers Also Bought



Documents

Product Drawings

[15P UMNL HDR ASSY PC LF](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_350765-5_V.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350765-5_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350765-5_V.3d_stp.zip](#)

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[ENG_CVM_350765-5_R.3d_igs.zip](#)

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

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Agency Approvals

[UL](#)

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