



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Wire-to-Panel, Wire-to-Wire**
Contact Retention Within Housing: **Without**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Rows	3

Electrical Characteristics

Operating Voltage	600 VAC
-------------------	---------

Body Features

Primary Product Color	Black
-----------------------	-------

Contact Features

--	--



Multiple Contact Types	Without
Contact Layout	Matrix
Contact Type	Pin
Contact Retention Within Housing	Without

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Mounting Ears
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	Nylon 66
Centerline (Pitch)	4.2 mm[.165 in]

Dimensions

Row-to-Row Spacing	4.2 mm[.165 in]
Panel Thickness (Recommended)	.8 – 2 mm[.031 – .078 in]
Connector Width	18.2 mm
Connector Length	23.7 mm

Usage Conditions

Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
-----------------------------	---------------------------

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Identification Marking

Circuit Identification Feature	With
--------------------------------	------

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	Certified, LR 7189
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features



Packaging Quantity	500
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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	Not applicable for solder process capability

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 # 170363-3
MINI UNIVERSAL M-N-L PIN LP



TE Part # 170361-1
UNIV M-N-L SOC. 26-22 AWG



TE Part # 170362-4
MINI UNIVERSAL M-N-L SOCKET



TE Part # 770903-6
MINI UMNL PIN 22-18 AWG AU



TE Part # 170363-4
MINI UNIVERSAL M-N-L PIN LP



TE Part # 170365-3
MINI UNIVERSAL M-N-L SOCKET LP



TE Part # 1-770834-1
MINI UMNL SOK PHBRZ AU LF



TE Part # 170359-4
UNIV. M-N-L PIN



TE Part # 1-770988-1
MINI UMNL SOK 22-18AWG LP LF



TE Part # 1-770902-0
MINI UMNL SOK 26-22 AWG AU



TE Part # 770901-3
MINI UMNL PIN 26-22 AWG AU



TE Part # 770904-3
MINI UMNL SOK 22-18 AWG AU



TE Part # 770986-3
MINI UMNL SOK 26-22AWG AU LP



TE Part # 770988-3
MINI UMNL SOK 22-18AWG AU LP



TE Part # 794059-1
MINI UMNL PIN L/P



TE Part # 171638-1
MINI U-M-N-L PIN CONT. L.P



TE Part # 794406-3
MINI UMNL CONT 20-16AWG AU



TE Part # 770902-1
MINI UMNL SOCK 26-22 AWG SN



TE Part # 770904-4
MINI UMNL SOK CONT 22-18 AWG



TE Part # 770904-1
MINI UMNL SOK 22-18 AWG SN

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



Connector Caps & Covers(2)



Connector Contacts(89)



Connector Hardware(4)



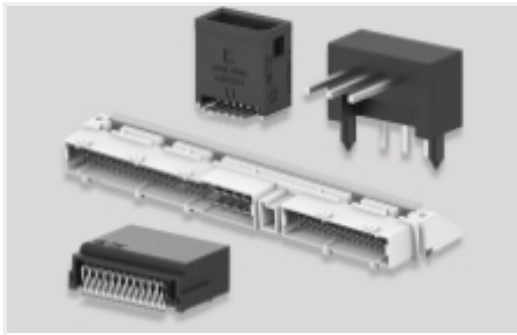
Connector Seals & Cavity Plugs(17)



Connector Strain Relief(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(93)



Rectangular Power Connectors(196)



Wire-to-Board Headers & Receptacles (93)

Customers Also Bought



TE Part #3-1803019-0
CRIMPER, INSULATION O



TE Part #2008571-4
4 POS MICRO MNL, TOP LATCH, BL



TE Part #2-1445094-4
MICRO MNL HDR ASSY S/ROW AU LF



TE Part #2-1879453-4
TE 1000W 82R 5% Bracket



TE Part #2-1445085-4
micro mnl hdr assy s/row au lf



TE Part #2008625-2
Socket Micro MNL, GOLD 22-18



TE Part #1-1803454-9
CRIMPER, WIRE F



TE Part #1-172168-9
MINI UNIVERSAL M-N-L PLUG 6P



TE Part #1-172165-2
2CIR MINI U-M-N-L PLUG RED



TE Part #485893-8
010 HOUSING FFC PIN 100CL SR

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-172162-2_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-172162-2_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-172162-2_K.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Engineering Report

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English