4-641238-1 ✔ ACTIVE

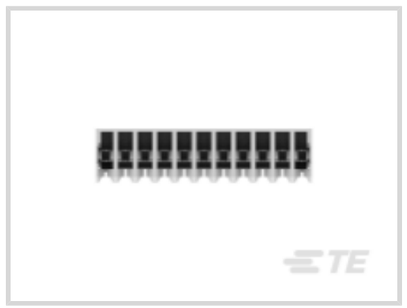
MTA 100

TE Internal #: 4-641238-1

Connector Assembly, Receptacle, Mating Retention, Insulation Displacement (IDC), Wire-to-Board, MTA 100, Standard Rectangular Connectors

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors > Nylon Gold Plated Receptacle: 2.54 mm, no Mating Alignment


Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Mating Alignment: **Without**

Mating Retention: **With**

Mating Retention Type: **Locking Ramp**

All Nylon Gold Plated Receptacle: 2.54 mm, no Mating Alignment (89)

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Insertion Force Type	Normal
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Cavities	11
Contacts Preloaded	Yes
Number of Positions	11
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Contact Type	Receptacle
Wire Contact Termination Area Plating Material	Tin
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold, Gold Flash over Palladium Nickel
Contact Retention Within Housing	With
Contact Current Rating (Max)	5 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Mating Alignment	Without
Mating Retention	With
Mating Retention Type	Locking Ramp
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon 6/6
Housing Color	White
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Height	13.21 mm[.52 in]
Product Width	6.99 mm[.275 in]
Product Length	27.94 mm[1.1 in]
Wire Size	.2 mm^2

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

CSA Rating	LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	500
Packaging Method	Bag/Box

Product Compliance

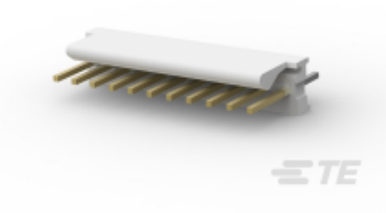
For compliance documentation, visit the product page on TE.com>

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	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



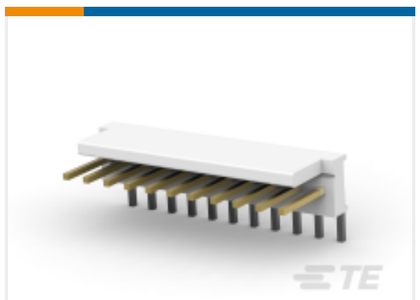
TE Part # 4-641215-1
11P MTA100 HDR ASSY FL/ST 30AU

TE Part # 1-640550-1
11P MTA100 COVER

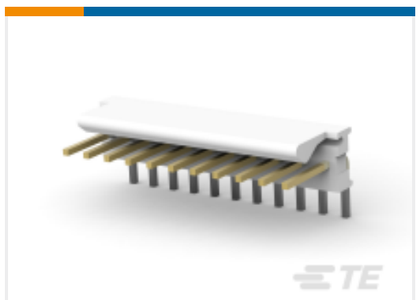
TE Part # CAT-104MTA-NYLCC
Nylon PCB Connector Covers: 2.54 mm, MTA 100

TE Part # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME

TE Part # 58579-1
MTA 100 MANUAL TOOL ASSEMBLY DISCRETE



TE Part # 4-641214-1
11P MTA100 HDR ASSY PO/RA LF



TE Part # 4-641216-1
11P MTA100 HDR ASSY FL/RA LF

TE Part # 58246-3
MTA 100 CRIMP HEAD PRODUCTION RBBN CABLE

TE Part # 58246-2
MTA 100 CRIMP HEAD PRODUCTION DISCRETE

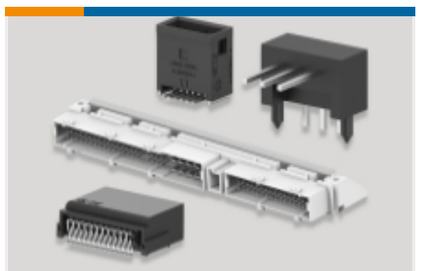
Also in the Series | MTA 100

Connector Caps & Covers(69)

Connector Contacts(8)

Connector Hardware(1)

Insertion & Extraction Tools(2)

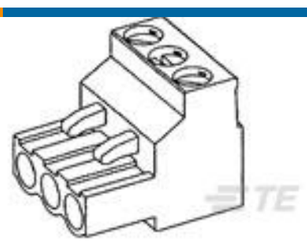


PCB Headers & Receptacles(441)

Standard Rectangular Connectors(495)

Wire-to-Board Connector Assemblies & Housings(1)

Customers Also Bought



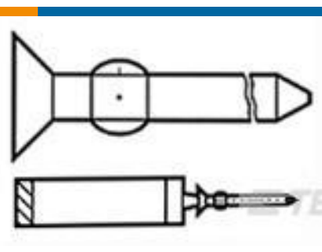
TE Part #796634-5
5 POS 5.08MM R/A PLUG,TRM BLK

TE Part #170362-3
MINI UNIVERSAL M-N-L SOCKET

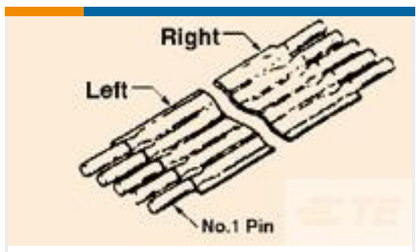
TE Part #5-1437624-9
PKG40B1/8=KNOB PLASTIC 1/8 LEX

TE Part #31894
PIDG R 22-16 COMM 22-18MIL 1/4

TE Part #5225398-7
BNC DUAL CRIMP JACJ



TE Part #641994-1
MTA100 KEYING PLUG W/CARRIER



TE Part #4-1437195-6
FST-21A

TE Part #TRA6927M3PBN-001
OMNI,Ph,PMT,698/1710MHz BK,, 100W,NGP

TE Part #EXC450TN
DUCK,EXC,450-470MHz,1/4W TNCM

TE Part #MBC800
MISCACC,MBC,800MHZ 800MHZ MBL /BSE ADPTR

Documents

Product Drawings

11P MTA100 CONN ASSY NATL 30AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-641238-1_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-641238-1_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-641238-1_W.3d_stp.zip

English

Product Specifications

Product Specification

English

Agency Approvals

Agency Approval Document

English