



MTA 100

TE Internal #: 3-641238-2

Connector Assembly, Receptacle, 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**

**Body Features**

Primary Product Color	White
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**Packaging Features**

Packaging Quantity	500
Packaging Method	Bag/Box

**Dimensions**

Connector Width	6.99 mm[.275 in]
Connector Height	13.21 mm[.52 in]
Wire Size	24 AWG
Connector Length	5.08 mm[.2 in]

**Housing Features**

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

**Configuration Features**



Number of Cavities	2
Contacts Preloaded	Yes
Number of Positions	2
Number of Rows	1

### Industry Standards

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

### Contact Features

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

### 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)

### 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

### Termination Features



Termination Method to Wire & Cable	Insulation Displacement (IDC)
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**Electrical Characteristics**

Operating Voltage	250 VAC
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**Usage Conditions**

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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**Operation/Application**

Shielded	No
Circuit Application	Signal

**Other**

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

**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 # 58246-2  
MTA 100 CRIMP HEAD PRODUCTION DISCRETE



TE Part # 2-644489-2  
02P MTA100 SHRD HDR R/A 30AU L



TE Part # 3-641216-2  
02P MTA100 HDR ASSY FL/RA LF



TE Part # 640550-2  
02P MTA100 COVER



TE Part # 644884-2  
02P MTA100 HDR ASSY, NARROW AU



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 # 3-641214-2  
02P MTA100 HDR ASSY PO/RA LF



TE Part # 3-647168-2  
02P MTA100 HDR ASSY SM 30AU LF



TE Part # 2-644487-2  
02P MTA100 SHRD HDR ASSY 30AU



TE Part # 3-647117-2  
02P MTA100 HDR HT FL 30AU LF



TE Part # 3-641213-2  
02P MTA100 HDR ASSY PO/ST LF



TE Part # CAT-104MTA-NVTHH  
Nylon Vertical PCB Header: 2.54mm, Through Hole, MTA 100



TE Part # CAT-104MTA-PVUNH  
PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment




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




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


## Also in the Series | MTA 100




Connector Caps & Covers(69)



Connector Contacts(8)



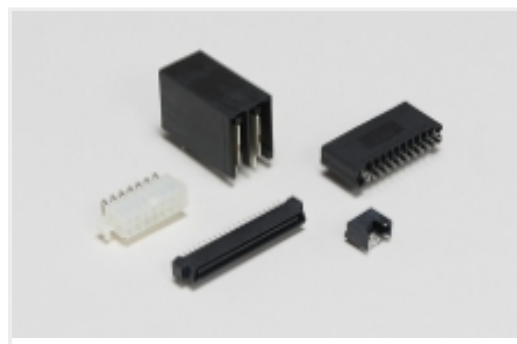
Connector Hardware(1)



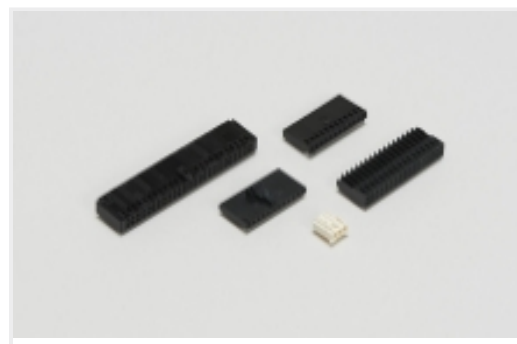
Insertion & Extraction Tools(2)



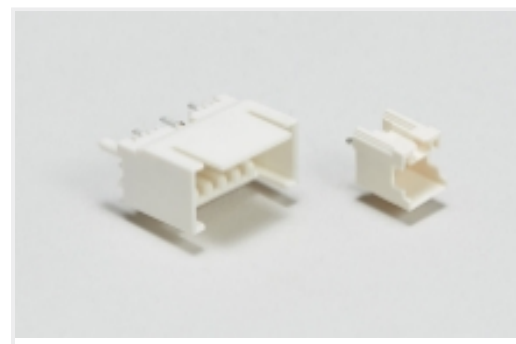
PCB Headers & Receptacles(441)



Standard Rectangular Connectors(495)



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



Wire-to-Board Headers & Receptacles (441)

## Customers Also Bought



TE Part #DBA6171C4-BSMAM  
DIPOLE,SMAM,SWIVEL,617-7125MHz,  
OUTDOOR



TE Part #103455-2  
MOD V RECP LP



TE Part #3-641237-3  
03P MTA100 CONN ASSY RED 30AU



TE Part #66102-6  
III+ PIN,24-20,30AU>10,STRIP



TE Part #2195889-2  
External Ant, SMA, 600-6000MHz



TE Part #3-641220-8  
08P MTA156 CONN ASSY 24AWG LF



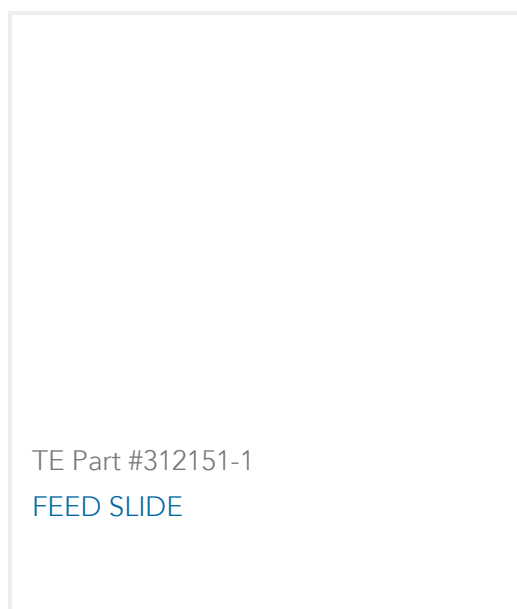
TE Part #3-640429-2  
02P MTA156 CONN ASSY 24AWG  
WHT



TE Part #LAIL350NN  
SURGE,NN,0-1000MHZ INLINE



TE Part #1-23147-2  
SPRING,COMPRESSION



TE Part #312151-1  
FEED SLIDE

## Documents

### Product Drawings

[02P MTA100 CONN ASSY NATL 30AU](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_3-641238-2\\_W.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_3-641238-2\\_W.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_3-641238-2\\_W.3d\\_stp.zip](#)

English

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

## Product Specifications

[Product Specification](#)

English