T4110001021-000 ✔ ACTIVE

M12 Connector

TE Internal #: T4110001021-000

Standard Circular Connectors, Wire-to-Wire, 2 Position, Sealable, Wire & Cable, Signal, PBT, A Polarization Code, Polyamide 66 GF25, M12 Connector

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors > M12 Field Installable Unshielded

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

Number of Positions: **2**

Sealable: **Yes**

Connector & Contact Terminates To: **Wire & Cable**

Contact Current Rating (Max): **4 A**

All M12 Field Installable Unshielded (102)

Features

Product Type Features

Prewired	No
Product Type	Connector Assembly
Accessory Color	Black
Assembly Type	Electrical Connector
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Receptacle
Shell Type	Plastic

Configuration Features

Factory Installed Backshell	No
Keying	A
Number of Positions	2
Number of Power Positions	0
Number of Signal Positions	2
Contacts Preloaded	Yes

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Peripheral Seal Material	Silicone
Environmental Protection	IP67
O-Ring Material	Silicone
Environmental Protection Type	Elastomer Sealed
Shell Base Material	PBT
Circular Connector Insulation Material Type	Polyamide 66 GF25

Contact Features

Contact Current Rating (Max)	4 A
Reverse Gender	No
Circular Connector Contact Type	Socket

Mechanical Attachment

Mating Retention Type	Threaded Coupling
Mating Alignment	With
Polarization Code	A
Mating Alignment Type	Keyed

Housing Features

Circular Connector Shell Size	20

Dimensions

Wire Size	.82 – .2 mm²

Usage Conditions

IP Dust Sealing Level	6
IP Water Sealing Level	IP67
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Durability Rating	100 Cycles
Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	1

Other

Field Serviceable	Yes

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (4% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Compatible Parts

TE Part # T4111001021-000
M12,MALE,STRAIGHT,A CODE,2P, PG7,GOLD

TE Part # CAT-C73765-M1G
M12 Panel Mount Solder Cups

TE Part # CAT-C73765-M1H
M12 Panel Mount PCB

TE Part # CAT-C73765-M1F
M12 Panel Mount Wire

TE Part # T4130012021-001
M12,REAR MOUNT,MALE,A,2P, SOLDER WIRE

TE Part # T4140012021-001
M12,REAR MOUNT,MALE,A,2P, SOLDER PCB

TE Part # T4171010002-801
M12,REAR MOUNT,MALE,A,2P,0.2M WIRE

TE Part # T4171010002-802
M12,REAR MOUNT,MALE,A,2P,0.5M WIRE

TE Part # T4140012021-003
M12,REAR MOUNT,MALE,A,2P, SOLDER PCB

Also in the Series | M12 Connector

M8/M12 Cable Assemblies(230)

Standard Circular Connectors(521)

Customers Also Bought

TE Part #6-1415537-5
SR6A6K24

TE Part #1625971-2
HSA25 100R 5%

TE Part #T4110501021-000
M12,FEMALE,STRAIGHT,D CODE,2P, PG7,GOLD

TE Part #T4130012021-000
M12 Panel Mount Solder Cups

TE Part #1544969-1
TAB, 8MM NG1 PLUS

TE Part #1544970-3
SEAL, NG9K

TE Part #1106436-4
HIPK10/24.STS.1M25G

TE Part #2-1102606-5
HIP-K.6/16.AG.M6

Documents

Product Drawings

M12,FEMALE,STRAIGHT,A CODE,2P,PG7,GOLD

English

CAD Files

Customer View Model

ENG_CVM_CVM_T4110001021-000_B.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_T4110001021-000_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_T4110001021-000_B.3d_igs.zip

English

Datasheets & Catalog Pages

M8 / M12 Connector System Catalog

English

M8 / M12 Connector System Catalog

Japanese

Product Specifications

Application Specification

English

Agency Approvals

UL

English