

TE Internal #: 1612257-7

Connector Assembly, Receptacle, Wire-to-Panel, 7 Position, .059 in [1.5 mm] Centerline, Crimp/IDC, 1 Row, Black, Mating Retention, Panel Mount

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > MINI CT DRAWER RECEPTACLE HOUSINGS



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **7**

Centerline (Pitch): **1.5 mm [.059 in]**

[All MINI CT Drawer Receptacle Housings \(16\)](#)

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Panel
Sealable	No

Configuration Features

Number of Positions	7
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VAC
-------------------	--------

Body Features

Drawer Style	Mini CT, Snap-Fit
Primary Product Color	Black

Contact Features

Contact Layout	Inline
Contact Type	Socket



Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1.5 A

Termination Features

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

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Entry Configuration	Both Ends Closed
Housing Material	PBT GF
Centerline (Pitch)	1.5 mm[.059 in]

Dimensions

Connector Length	28.1 mm[1.104 in]
Connector Height	14.8 mm[.582 in]

Usage Conditions

Operating Temperature Range	-30 - 105 °C[-22 - 221 °F]
-----------------------------	----------------------------

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Quantity	49
Packaging Method	Box & Tray, Tray

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 2024
(240)
Candidate List Declared Against: JAN 2024
(240)
Does not contain REACH SVHC

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 1612256-7
PLUG ASSY 7P ,MINI CT DC DRAWE

Customers Also Bought

TE Part # 292215-2
MINI CT SGL RELAY 2P NAT

TE Part # 292215-3
MINI CT SGL RELAY 3P NAT

TE Part # 1-1612257-4
MINI CT DRAWER RECEPTACLE
HOUSINGS

TE Part # 2-292206-3
MINI CT SGL DIP H 3P BLACK





TE Part # 292254-2
CT RELAY HDR ASSY 2P NAT



TE Part # 3-292206-1
MINI CT SGL DIP H 11P BLACK



TE Part # 8-292131-2
SGL HDR ASSY BOX DIP V POLARIS



TE Part # 1735079-1
COMPRESSION BTB 7P ASSY TYPE 1

Documents

Product Drawings
REC ASSY 7P ,MINI CT DC DRAWER
English

CAD Files
Customer View Model
ENG_CVM_CVM_1612257-7_K.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1612257-7_K.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1612257-7_K.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages
Low Power Drawer Connectors QRG
English

Product Specifications
Application Specification
English

Instruction Sheets
Instruction Sheet for Mini CT DC Drawer Connector SF Type
Japanese
Instruction Sheet (non U.S.)
English