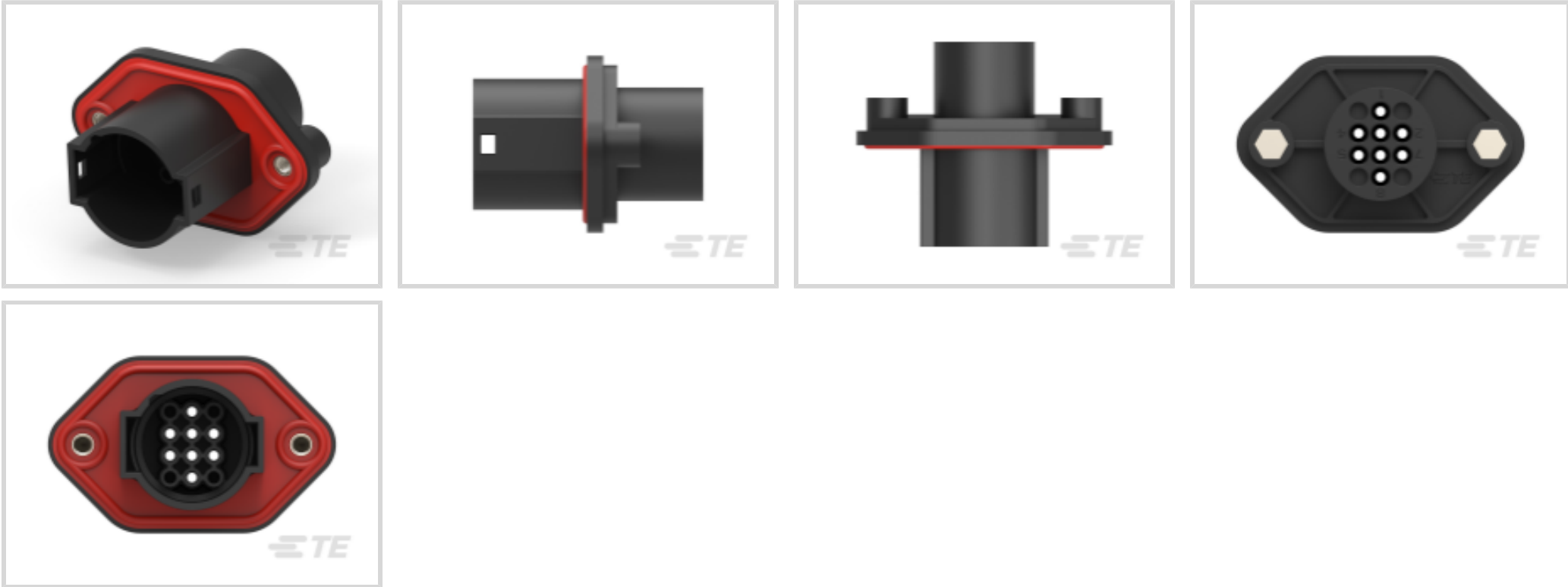




TE Internal #: 2470002-1  
8 Position Circular Connector, Wire-to-Panel, Sealable, Signal,  
Panel Mount, A Code, PBT GF, Hermetically Sealed, 18 – 24 AWG, .  
82 – .2 mm² Wire, Plug  
[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors > Easy-Lock Plastic Signal Connector



Number of Positions: 8  
Connector System: **Wire-to-Panel**  
Sealable: **Yes**  
Contact Current Rating (Max): **5 A**  
Circuit Application: **Signal**  
[All Easy-Lock Plastic Signal Connector \(6\)](#)

Features

Product Type Features

Connector System	Wire-to-Panel
Sealable	Yes
Circular Connector Type	Plug
Shell Type	Plastic

Configuration Features

Number of Positions	8
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	63 VDC
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Body Features

O-Ring Material	Silicone Rubber
Circular Connector Insulation Material Type	PBT GF
Hermetically Sealed	Yes



Contact Features

Contact Current Rating (Max)	5 A
Circular Connector Contact Type	Pin

Mechanical Attachment

Connector Mounting Type	Panel Mount
Polarization Code	A
Mating Alignment Type	Keyed
Mating Retention	With

Dimensions

Wire Size	18 – 24 AWG
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Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

Circuit Application	Signal
Shielded	No

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 with Exemptions
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (3.7% in Component Part) <b>Article Safe Usage Statements:</b> 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 reviewed 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.


Compatible Parts




TE Part # 2473754-3  
BLIND PLUG




TE Part # 2469979-1  
EASYLOCK PLASTIC SIGNAL CONN,  
FE,8P,A KEY




TE Part # T2210001010-001  
DIA1.0 MALE STAMPING CONTACT,  
TIN PLATED




TE Part # 2473754-2  
SINGLE WIRE SEAL




TE Part # T2210001010-000  
DIA1.0 MALE STAMPING CONTACT,  
AU PLATED



TE Part # T2210001010-010  
DIA1.0 MALE STAMPING CONTACT,  
AU PLATED



TE Part # T2210001010-011  
DIA1.0 MALE STAMPING CONTACT,  
TIN PLATED



TE Part # 2473754-1  
SINGLE WIRE SEAL

Customers Also Bought



TE Part #2469979-1  
EASYLOCK PLASTIC SIGNAL CONN,  
FE,8P,A KEY



TE Part #T2210001010-001  
DIA1.0 MALE STAMPING CONTACT,  
TIN PLATED



TE Part #T2210002010-030  
DIA1.0 FEMALE STAMPING  
CONTACT,AU PLATED

Documents

Product Drawings  
EASYLOCK PLASTIC SIGNAL CONN,M,8P,A KEY

English

CAD Files



3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2470002-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2470002-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2470002-1\_A.3d\_stp.zip

English

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

Datasheets & Catalog Pages

Easy-Lock Plastic Signal Connectors(PSC)

English

Easy-Lock Plastic Signal Connectors(PSC)

Product Specifications

Application Specification

English

Agency Approvals

UL

English