

212491-1 ✓ ACTIVE

AMPLIMITE

TE Internal #: 212491-1

Plug, Cable-to-Cable, Panel Mount, 5 Position, Power/Signal/Coax Combination, 3 Shell Size, Pin, Size 8 Contact Size, 2.77 mm [.109 in] Centerline

[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Connectors > Panel Mount D-Sub Connectors



Connector & Housing Type: **Plug**

Connector System: **Cable-to-Cable**

Connector Mounting Type: **Panel Mount**

Number of Positions: **5**

Power/Signal/Coax Combination: **Yes**

Features

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Method to Wire & Cable	Crimp

Body Features

Front Shell Material	Steel
Mating Retention Feature Material	Stainless Steel
D-Sub Connector Insert Arrangement	5C5
Rear Shell Plating Material	Cadmium
Rear Shell Material	Steel
Front Shell Plating Material	Cadmium

Packaging Features

Packaging Method	Package
------------------	---------

Contact Features

Contact Options	Order Separately
Contact Type	Pin
Contact Size	Size 8
Contact Current Rating (Max)	32 A

Mechanical Attachment

Mounting Hole Diameter	3.05 mm[.12 in]
------------------------	-----------------



Connector Mounting Type	Panel Mount
-------------------------	-------------

Mating Alignment	Without
------------------	---------

Product Type Features

Connector & Housing Type	Plug
--------------------------	------

Connector System	Cable-to-Cable
------------------	----------------

Connector Shell Size	3
----------------------	---

Sealable	No
----------	----

Connector & Contact Terminates To	Wire & Cable
-----------------------------------	--------------

Configuration Features

Number of Positions	5
---------------------	---

Power/Signal/Coax Combination	Yes
-------------------------------	-----

Housing Features

Centerline (Pitch)	2.77 mm [.109 in]
--------------------	-------------------

Usage Conditions

Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
-----------------------------	-----------------------------

Operation/Application

Circuit Application	Power
---------------------	-------

Other

EU RoHS Compliance	Not Compliant
--------------------	---------------

EU ELV Compliance	Not Compliant
-------------------	---------------

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
------------------------------	---------------

EU ELV Directive 2000/53/EC	Not 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Cd (100% in In component part)
--	---

Article Safe Usage Statements:

Use personal protective equipment as required. Do not eat, drink or smoke when using this product. 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	Wave solder capable to 265°C
---------------------------	------------------------------

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



Customers Also Bought





Documents

Product Drawings

PLUG ASSY,SZ 3,AMPLIMITE COAX

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_212491-1_AF.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_212491-1_AF.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_212491-1_AF.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

Product Specification

English

PRODUCT SPECIFICATION, CONTACT, COAXIAL, 50 OHM AND NON-IMPEDANCE MATCHED, MULTIPLE SIZE 8 IN SERIES 109 HOUSINGS

Japanese

Product Specification

Japanese

PRODUCT SPECIFICATION, CONTACT, COAXIAL, 50 OHM AND NON-IMPEDANCE MATCHED, MULTIPLE SIZE 8 IN SERIES 109 HOUSINGS

English

Agency Approvals

UL Report

English

212491-1

Plug, Cable-to-Cable, Panel Mount, 5 Position, Power/Signal/Coax Combination, 3
Shell Size, Pin, Size 8 Contact Size, 2.77 mm [.109 in] Centerline

