



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Kit**

Connector & Housing Type: **Plug**

Contact Mating Area Plating Material: **Gold**

Features

Product Type Features

Shell Size	GPRB2
Connector Product Type	Connector Kit
Connector & Housing Type	Plug

Configuration Features

Number of Cavities	31
--------------------	----

Body Features

Rear Grommet	With
Strain Relief Type	Straight
Shell Plating Material	Nickel
Interfacial Seal	With

Contact Features

Contact Type	Socket
Contact Density (Max)	22 AWG (24), 12 AWG (6), 8 AWG (1)
Contact Size	22, 12, 8
Contact Style	Crimp
Wire Contact Termination Area Plating Material	Gold
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold

Mechanical Attachment

Number of Mounting Holes	2
--------------------------	---



Mounting Hole Diameter	5.7 mm[.225 in]
------------------------	-----------------

Panel Mount	Yes
-------------	-----

Mounting Hole Thread Size	8-32
---------------------------	------

Mounting Holes	With
----------------	------

Mounting Hardware	With
-------------------	------

Panel Mount Feature Type	Mounting Hole
--------------------------	---------------

Packaging Features

Packaging Quantity	1
--------------------	---

Packaging Method	Carton
------------------	--------

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
------------------------------	------------------

EU ELV Directive 2000/53/EC	Not Yet Reviewed
-----------------------------	------------------

China RoHS 2 Directive MIIT Order No 32, 2016	Not reviewed for China RoHS compliance
---	--

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: OCT 2008 (15) SVHC > Threshold: Not Yet Reviewed
--	---

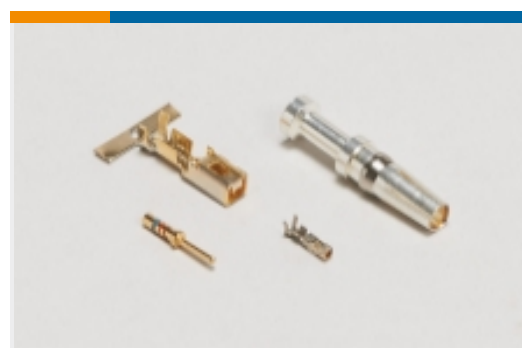
Halogen Content	Not Yet Reviewed for halogen content
-----------------	--------------------------------------

Solder Process Capability	Not applicable for solder process capability
---------------------------	--

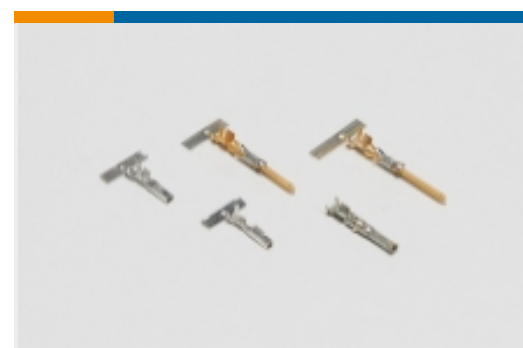
Product Compliance Disclaimer

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 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.

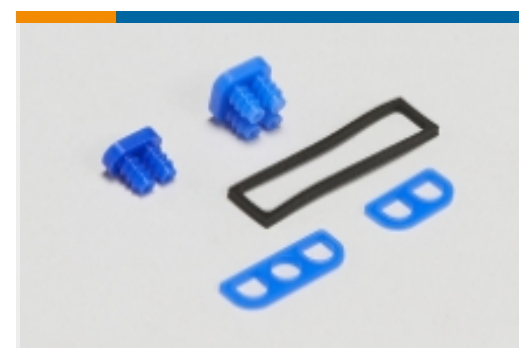
Also in the Series | [AMP GPR](#)



Connector Contacts(2)



Power Contacts(9)



Rectangular Connector Seals(2)



Standard Rectangular Connectors(1)

Documents

Product Drawings

[Kit, Plug Conn, GAIN, GPRB2](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1877646-1_8_c-1877646-1-8.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1877646-1_8_c-1877646-1-8.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1877646-1_8_c-1877646-1-8.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[ARINC 600 Next Generation Receptacle Connector](#)

English

Product Specifications

[Application Specification](#)

English