

66570-8 ✓ ACTIVE

AMPLIMITE

TE Internal #: 66570-8

Pin Contact, Gold, Snap-In Contact Retention, Size 20 Contact Size, 18 AWG Wire Size, .8 – .9 mm² Wire Size, Solder, Brass, Signal

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold**

Contact Retention Type Within Housing: **Snap-In**

Contact Size: **Size 20**

Wire Size: **18 AWG**

Features

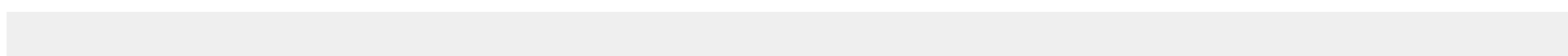
Contact Features

Mating Pin Diameter	1.02 mm[.04 in]
	30 μin
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
Contact Type	Pin
Contact Mating Area Plating Material	Gold
Contact Size	Size 20
Contact Base Material	Brass
Contact Current Rating (Max)	3.1 A

Termination Features

	.39 in
Termination Method to Wire & Cable	Solder
Product Terminates To	Wire & Cable

Mechanical Attachment





Wire Insulation Support	Without
-------------------------	---------

Contact Retention Type Within Housing	Snap-In
---------------------------------------	---------

Dimensions

Wire Size	.8 – .9 mm ²
-----------	-------------------------

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Signal
---------------------	--------

Packaging Features

Packaging Quantity	100
--------------------	-----

Packaging Method	Box, Loose Piece
------------------	------------------

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
--	---

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
-----------------	---

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

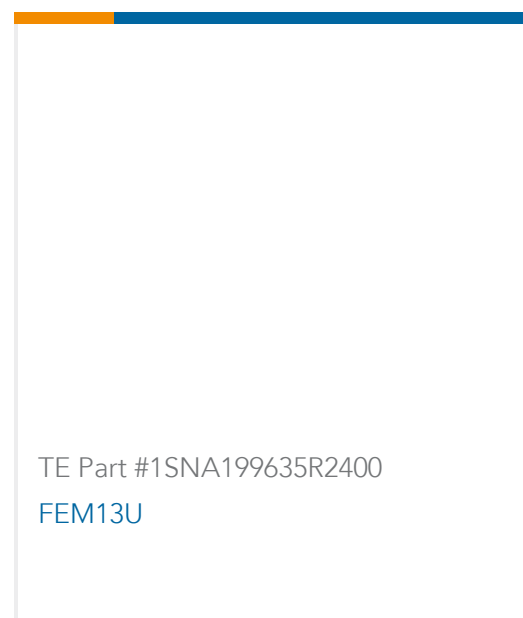
Product Compliance Disclaimer

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



Customers Also Bought



Documents

Product Drawings

20 DF PIN CONT, SMALL PACK

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_66570-8_AJ_c-66570-8-aj.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66570-8_AJ_c-66570-8-aj.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66570-8_AJ_c-66570-8-aj.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English