

1775442-1 ✓ ACTIVE



TE Internal #: 1775442-1

Connector Contact, Socket, Wire-to-Board, .059 in [1.5 mm]

Centerline, 30 – 24 AWG Wire Size, .05 – .02 mm² Wire Size, Tin,

Reel, Wire & Cable, 3 A

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Socket**

Connector System: **Wire-to-Board**

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

Wire Size: **.05 – .02 mm²**

Features

Product Type Features

Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
-----------------------------------	---------------

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Contact Features

Contact Mating Area Length	5.14 mm[0.202 in]
Mating Square Post Dimension	.4 mm[.015 in]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Bright
Contact Base Material	Phosphor Bronze
Contact Type	Socket



Contact Mating Area Plating Material	Tin
--------------------------------------	-----

Contact Current Rating (Max)	3 A
------------------------------	-----

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Housing Features

Centerline (Pitch)	1.5 mm [.059 in]
--------------------	------------------

Dimensions

Wire Size	.05 – .02 mm ²
-----------	---------------------------

Usage Conditions

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

Operation/Application

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

Packaging Features

Packaging Quantity	15000
--------------------	-------

Packaging Method	Reel
------------------	------

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
--	--

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



TE Part # CAT-H857-H817215
AMP HPI 1.5MM RECEPTACLE HOUSINGS



TE Part # CAT-H857-H34215
AMP HPI 1.5MM HEADERS



TE Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 2-2266496-1
OCEAN_2.0_Applicator-S-039F043F



TE Part # 2-2266496-2
OCEAN_2.0_Applicator-S-039F043FA



TE Part # 2-2836557-1
OCEAN_2.0_APPLICATION-S-039F043F



TE Part # 2-2836557-2
OCEAN_2.0_APPLICATION-S-039F043FA



TE Part # 2119538-1
CCII 1.5MM PITCH EMIX CONN 30-24 ASSY



TE Part # 2836557-1
OCEAN_2.0_APPLICATION-S-039F043F



TE Part # 2836557-2
OCEAN_2.0_APPLICATION-S-039F043FA



TE Part # 5-2836557-1
OCEAN_2.0_APPLICATION-S-039F043F



TE Part # 5-2836557-2
OCEAN_2.0_APPLICATION-S-039F043FA



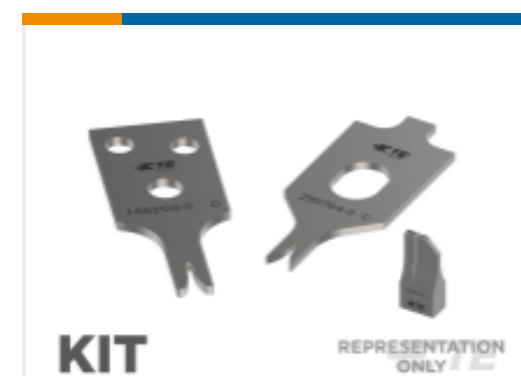
KIT
TE Part # 7-2266744-7
OC-039F043F-CRIMP TOOLING KIT



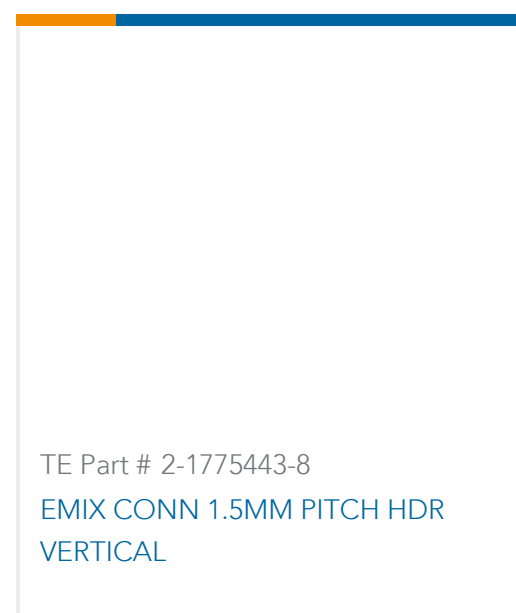
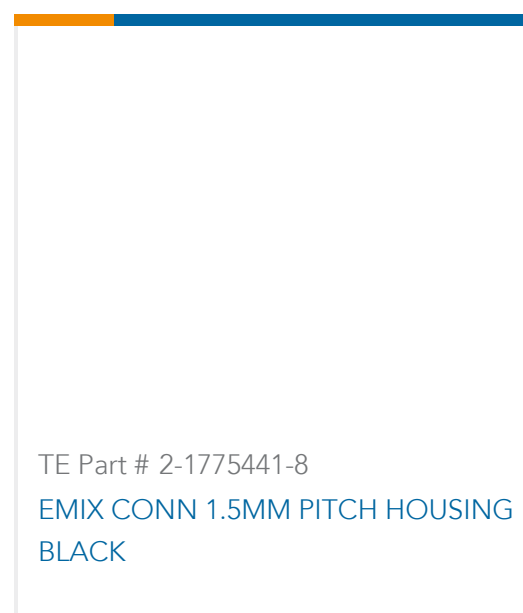
TE Part # 7-2836557-1
OCEAN_2.0_APPLICATION-S-039F043F



TE Part # 7-2836557-2
OCEAN_2.0_APPLICATION-S-039F043FA



KIT
TE Part # 7-2836557-7
OCEAN_2.0_SPARE_PART_KIT-039F043F



Customers Also Bought



Documents

Product Drawings

EMIX CONN., 1.5mm PITCH, TERMI

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1775442-1_A1.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1775442-1_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1775442-1_A1.3d_stp.zip](#)

English

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

1775442-1

Connector Contact, Socket, Wire-to-Board, .059 in [1.5 mm] Centerline, 30 – 24 AWG
Wire Size, .05 – .02 mm² Wire Size, Tin, Reel, Wire & Cable, 3 A



Product Specifications

Application Specification

English

Product Environmental Compliance

[MD_1775442-1_042420181248_dmtec](#)

English

[MD_1775442-1_042420181248_dmtec](#)

English