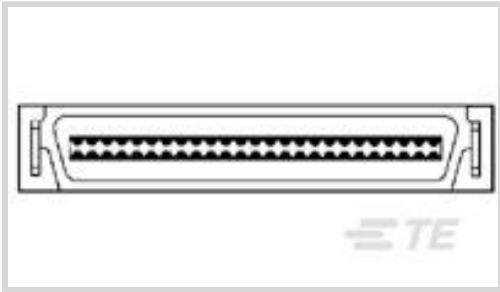




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **50**

Centerline (Pitch): **1.27 mm [.05 in]**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	50

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Type	Socket
Contact Current Rating (Max)	1 A

Termination Features

Termination Method to PCB	Through Hole - Solder
---------------------------	-----------------------

Mechanical Attachment

Mating Alignment	With
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features



Centerline (Pitch)	1.27 mm[.05 in]
--------------------	-----------------

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
-----------------------------	---------------------------

Operation/Application

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

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Method	Tube
------------------	------

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	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



TE Part # 1734101-5
Champ050 series,50pos,Au over PdNi

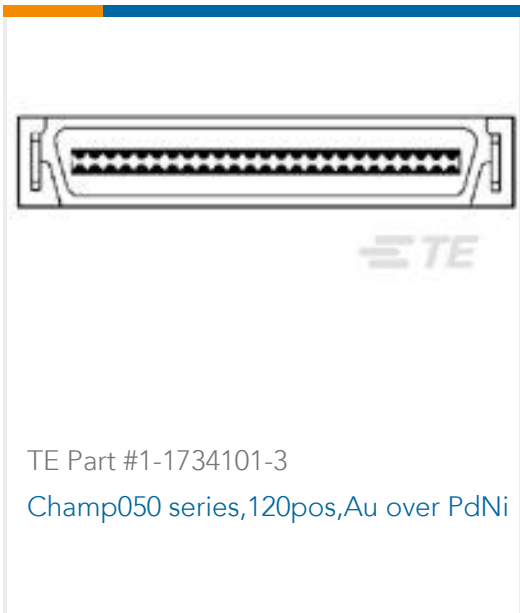
Customers Also Bought



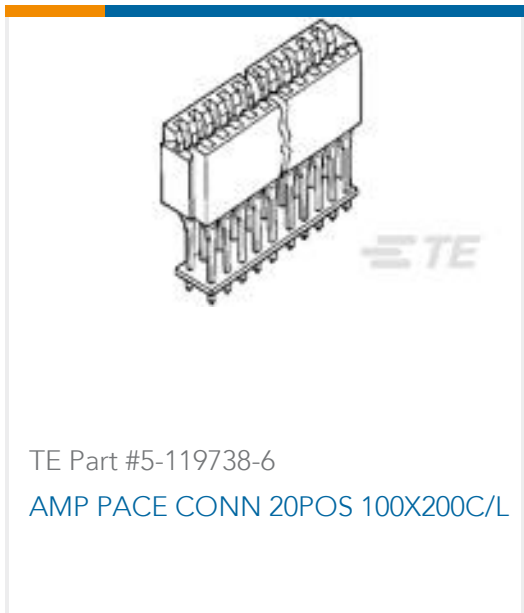
TE Part #5535080-5
ASSY,RECEPTACLE,EUROCARD,TYPE



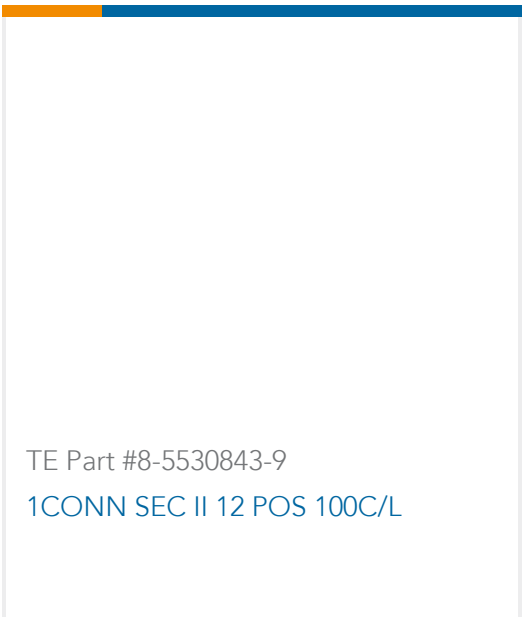
TE Part #5148460-1
ASSY,RECPT,EUROCARD,TYPE C,L-
FREE,144/15



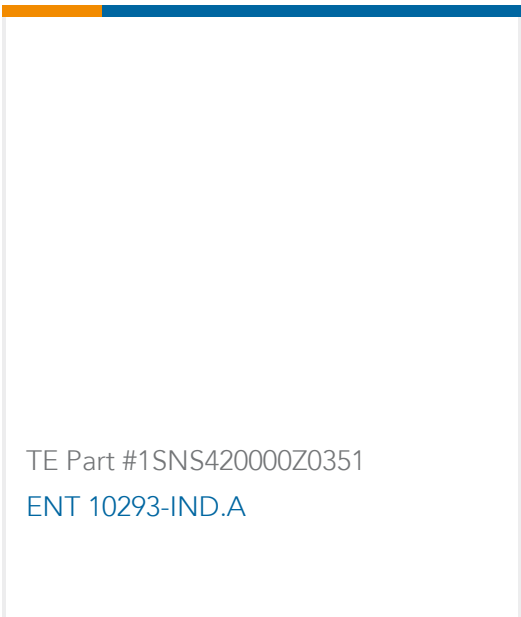
TE Part #1-1734101-3
Champ050 series,120pos,Au over PdNi



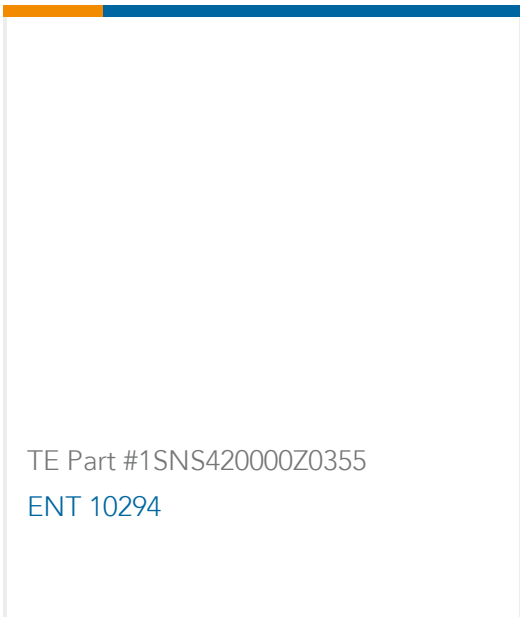
TE Part #5-119738-6
AMP PACE CONN 20POS 100X200C/L



TE Part #8-5530843-9
1CONN SEC II 12 POS 100C/L



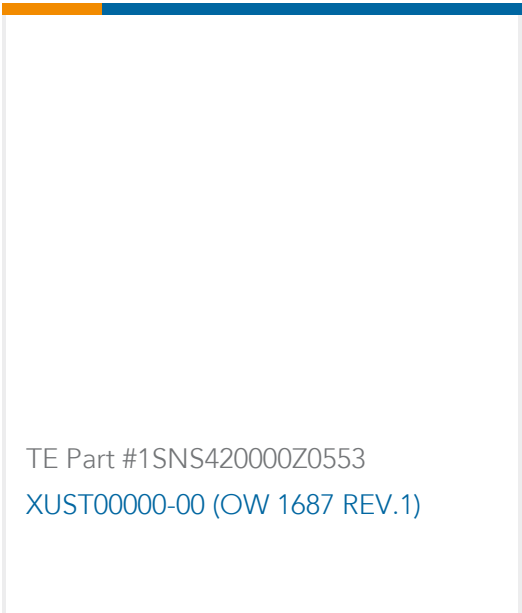
TE Part #1SNS420000Z0351
ENT 10293-IND.A



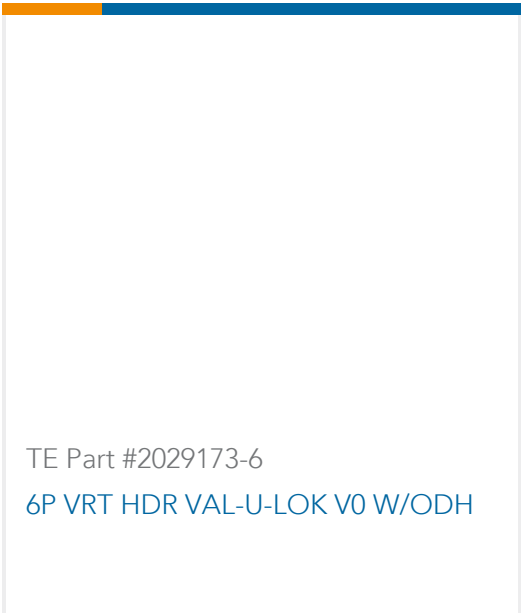
TE Part #1SNS420000Z0355
ENT 10294



TE Part #1SNS420000Z0388
ENT 10325



TE Part #1SNS420000Z0553
XUST00000-00 (OW 1687 REV.1)



TE Part #2029173-6
6P VRT HDR VAL-U-LOK V0 W/ODH

Documents

Product Drawings

Champ050 series, 50 pos,30u" Au, 3.30H

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1734101-7_E1.3d_igs.zip

English

Customer View Model



[ENG_CVM_CVM_1-1734101-7_E1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1734101-7_E1.2d_dxf.zip](#)

English

3D PDF

3D

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

Product Specifications

Application Specification

English

CHAMP .050 High Density Connector

English

Application Specification

English