

ON TAPING (EMBOSS) 0.5MM FS CONN.

TAB AS ✓ ACTIVE

TE Part # 4-5353515-5
TE Internal #: 4-5353515-5
[View on TE.com >](#)



Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**
PCB Mount Orientation: **Vertical**
Connector System: **Board-to-Board**
Number of Positions: **40**
Centerline (Pitch): **.5 mm [.0197 in]**

Features

Product Type Features

Series	Fine Stack
PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Rows	2
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	40
Board-to-Board Configuration	Mezzanine

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	500 VAC
Insulation Resistance	2 MΩ
Operating Voltage	250 VAC

Contact Features

Contact Layout	Inline
PCB Contact Termination Area Plating Material Thickness	.05 μm[2 μin]
PCB Contact Termination Area Plating Material	Gold



Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Type	Tab
Contact Current Rating (Max)	.3 A

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

PCB Mount Alignment Type	None
PCB Mount Retention Type	None
Mating Alignment	With
Mating Alignment Type	Keyed
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	.5 mm[.0197 in]
Housing Color	Black
Housing Material	High heat-resisted resin

Dimensions

Connector Height	1.08 mm[.04 in]
Stack Height	1.5 mm[.059 in]

Usage Conditions

High Temperature Compatible	Yes
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Assembly Process Feature	Vacuum Cover
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1500
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Packaging Method

Tape & 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: JAN 2019 (197) Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 245°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 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.

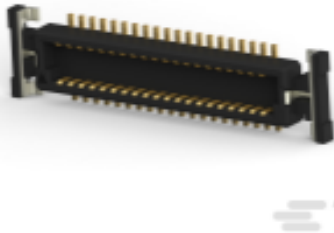
Customers Also Bought




TE Part #CW2900-000
R85049/88-19W02



TE Part #672964-000
243D012-25-G04/225-0



TE Part #4-5353515-0
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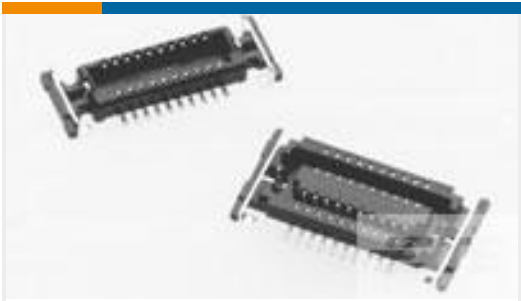
TE Part #6-520314-2
TRIOMATE ASSY H 12P
L=2.54LDFR

ON TAPING (EMBOSS) 0.5MM FS CONN. TAB AS

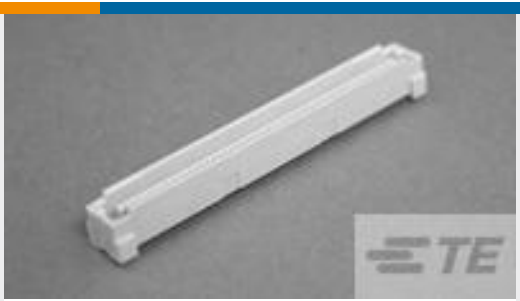
TE Part # 4-5353515-5
TE Internal #: 4-5353515-5



TE Part #3-1419124-6
OSA-SH-212DM3,000M



TE Part #4-5353512-5
ON TAPING (EMBOSS) 0.5
MM FS CONN. REC. A



TE Part #5084615-5
0.8FH,P06H.5,120,30/Sn,TU



TE Part #6-1375549-6
17 MTE VERT SMT HDR
FULL LF-PB



TE Part #
YACT20JC04BAV00100
SQUARE FLANGE
RECEPTACLE



TE Part #2176345-8
CRGCO 1210 39R 1%

Documents

Product Drawings

ON TAPING (EMBOSS) 0.5MM FS CONN. TAB AS

English

CAD Files

Customer View Model

ENG_CVM_4-5353515-5_B.3d_igs.zip

English

Customer View Model

ENG_CVM_4-5353515-5_B.3d_stp.zip

English

Customer View Model

ENG_CVM_4-5353515-5_B.2d_dxf.zip

English

3D PDF

English