

5148468-1

✓ ACTIVE

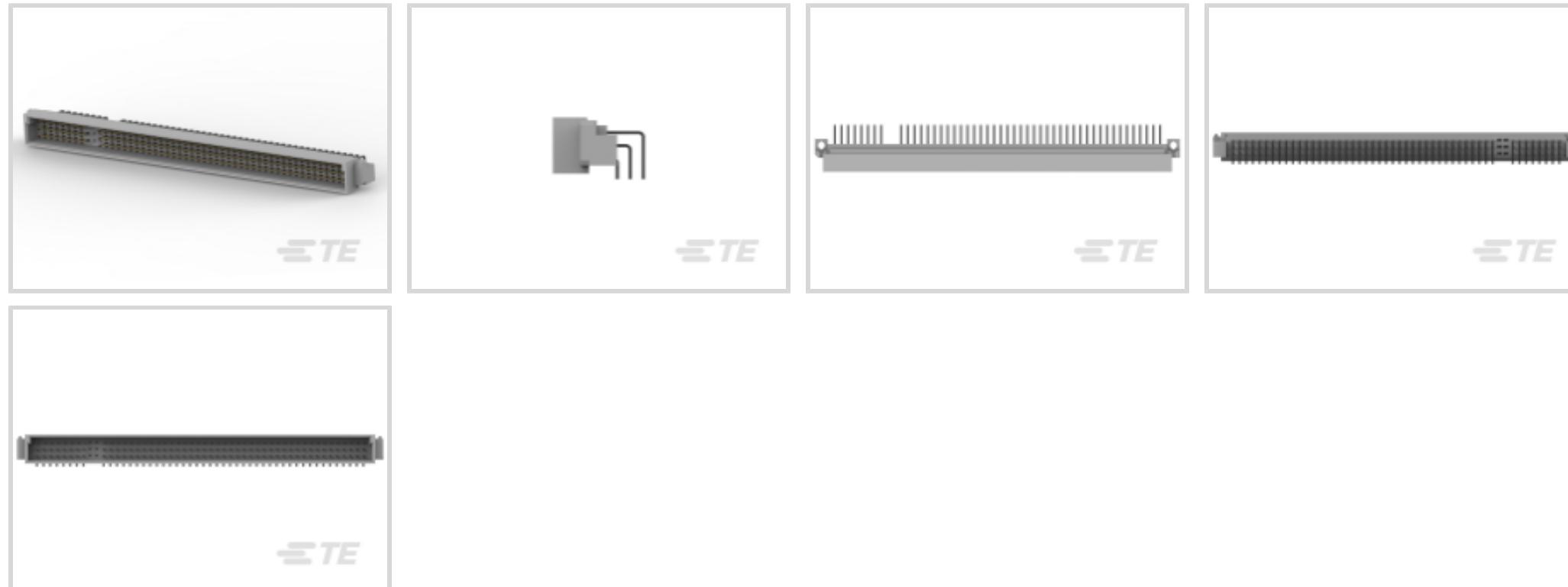
EUROCARD

TE Internal #: 5148468-1

Eurocard Connectors, Plug, Board-to-Board, 144 Position, .1 in [2.54 mm] Centerline, Printed Circuit Board, 3 Row, Right Angle, 48 Column

[View on TE.com >](#)

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**

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

Termination Post & Tail Length: **2.64 mm [.104 in]**

Number of Positions: **144**

Centerline (Pitch): **2.54 mm [.1 in]**

Features**Product Type Features**

Connector & Housing Type	Plug
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
DIN Size	Standard
DIN Level	II

Configuration Features

Number of Positions	144
Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	48
Number of Signal Positions	144
Rows Loaded	A, B, C

Contact Features

Contact Type	Pin
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Contact Base Material	Copper Alloy
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Contact Current Rating (Max)	1.5 A
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Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	2.64 mm[.104 in]

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Alignment	With
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Polyester - GF
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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Usage Conditions

Operating Temperature Range	-55 - 105 °C[-67 - 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box
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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 2024 (240) Candidate List Declared Against: JAN 2024 (240)

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

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

Customers Also Bought



TE Part # 1-5106014-1
Z-PACK/B RAMH.125P



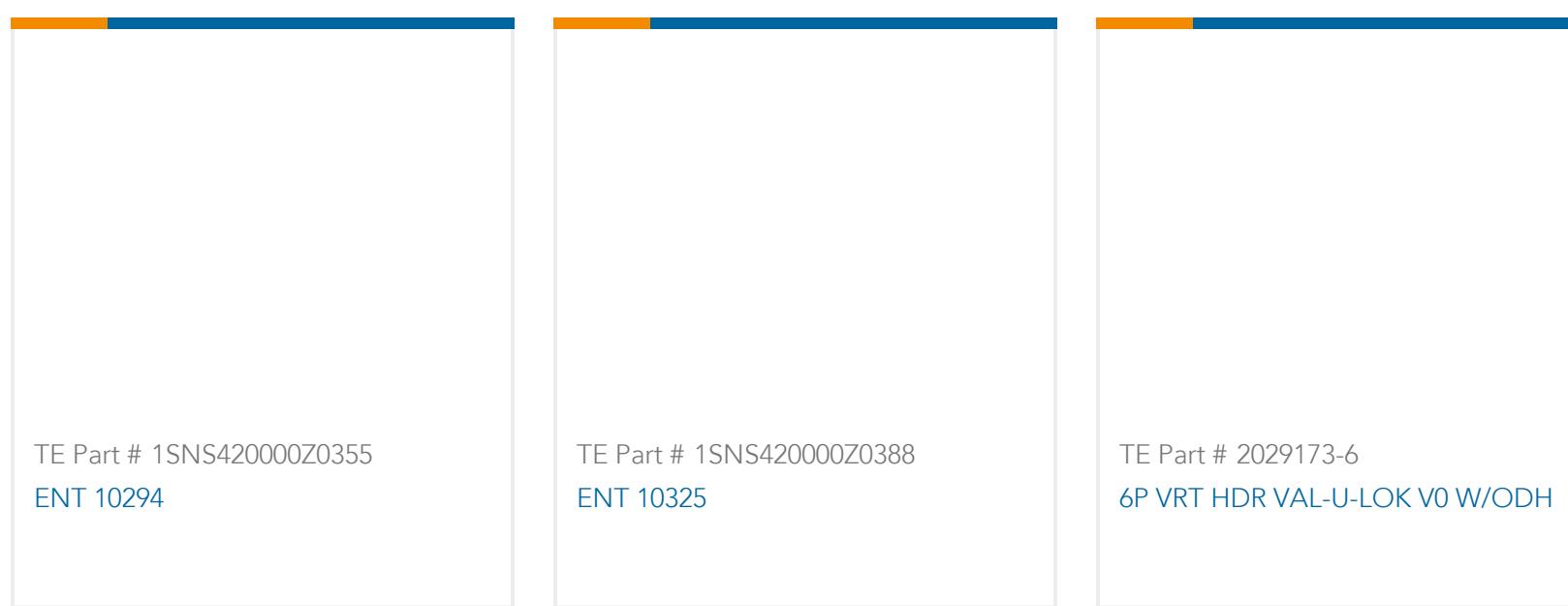
TE Part # 1-1734101-1
Champ050 series, 100 pos, Au over PdNi



TE Part # 1-1734101-7
Champ050 series, 50 pos, 30u" Au, 3.30 H



TE Part # 5650187-1
CONN SEC II 17 POS 100 C/L R/A



Documents

Product Drawings

[ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,144/1](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5148468-1_O.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5148468-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5148468-1_O.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English