5536622-1 ✔ ACTIVE

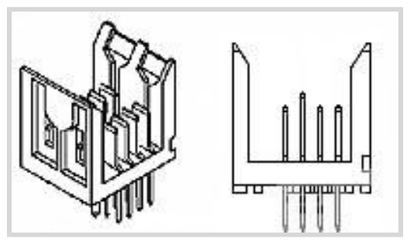
Z-PACK | Z-PACK Future Bus+

TE Internal #: 5536622-1

PCB Mount Header, Vertical, Board-to-Board, 8 Position, 2 mm [.079 in] Centerline, Partially Shrouded, Gold (Au), Z-PACK Future Bus+

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **8**

Number of Rows: **4**

Centerline (Pitch): **2 mm [.079 in]**

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Loaded Positions	8
Mating & Unmating Configuration	Sequencing
Connector Contact Load Condition	Fully Loaded
Number of Positions	8
Number of Rows	4
PCB Mount Orientation	Vertical
Number of Power Positions	8

Electrical Characteristics

Contact Resistance	10 mΩ

Operating Voltage	30 VDC

Body Features

Primary Product Color	Natural

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 – 2.54 µm[50 – 100 µin]
PCB Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material Thickness	1.27 – 3.81 µm[50 – 150 µin]
Contact Layout	Matrix
Contact Mating Area Length	6.5 mm, 7.25 mm, 8 mm[.256 in][.285 in][.315 in]
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	3 A
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

Termination Features

Termination Post & Tail Length	4.25 mm[.167 in]
Termination Method to PCB	Through Hole - Press-Fit

Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Detent Lock
Mating Retention	With
PCB Mount Retention Type	Action/Compliant Tail
Mating Alignment Type	Polarizing Rib
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With

Housing Features

Mating Entry Location	Top
Centerline (Pitch)	2 mm[.079 in]

Housing Material	LCP

Dimensions

Connector Width	15.8 mm[.622 in]
Connector Height	17 mm[.668 in]
Connector Length	11.88 mm[.486 in]
Row-to-Row Spacing	2 mm[.079 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Power

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	48
Packaging Method	Tube

Product Compliance

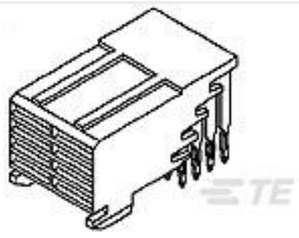
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

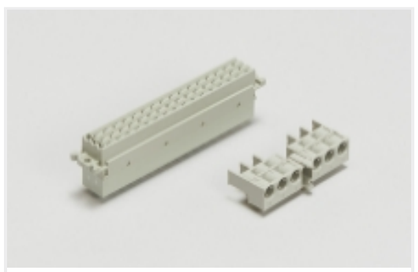
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

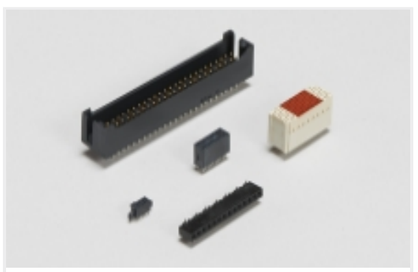


TE Part # 5536607-1
2MM FB,ASY,008,PWR,REC,SL,2.73

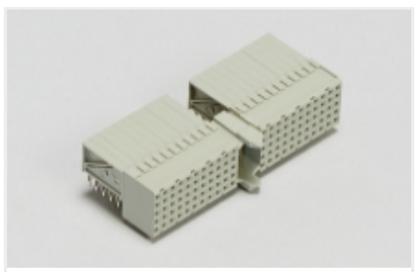
Also in the Series | Z-PACK Future Bus+



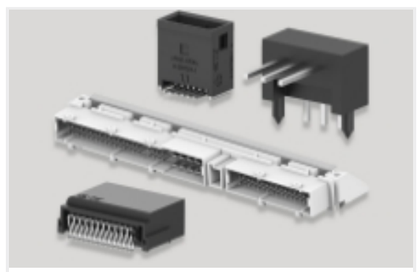
Backplane Connector Housings(19)



Board-to-Board Headers & Receptacles(14)



Hard Metric Backplane Connectors(1)



PCB Headers & Receptacles(14)



Rectangular Power Connectors(14)

Customers Also Bought



TE Part #91375-2
SEATING TOOL,HMZD HDR, 3 PAIR



TE Part #499786-8
034 UNIV HDR RA 4S 15DP STD L1



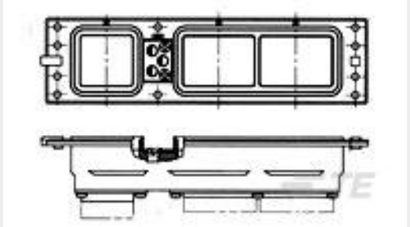
TE Part #530720-7
MINI-BX-RCPT ASSY 100 POS



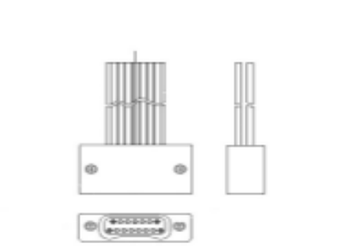
TE Part #1484876-1
RCPT ASY,SZ1 W/INTGR PNL,ARINC



TE Part #745458-2
25 RCPT ACT PIN/AP LOW SCRLK



TE Part #1-211991-0
RECEPT ASSY,SZ 2,ARINC 600



TE Part #3-1589477-1
STM037SC2DC012N = WDUALOBE



TE Part #2007884-1
IMP100S,H,V6P10C,UG,OEW39,4.5

Documents

Product Drawings

2MMFB,ASY,008,PWR,HDR,SL,SEQ

English

CAD Files

Customer View Model

ENG_CVM_5536622-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_5536622-1_O.3d_stp.zip

English

Customer View Model

ENG_CVM_5536622-1_O.2d_dxf.zip

English

3D PDF

3D

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Product Specifications

Application Specification

English