

5536622-1 ✓ ACTIVE

Z-PACK | Z-PACK Future Bus+

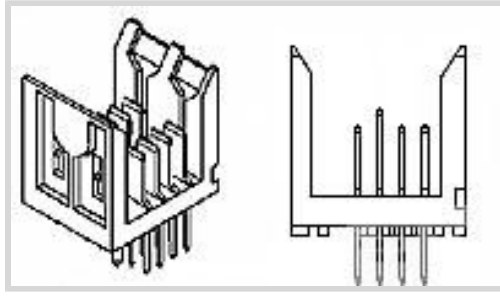
TE Internal #: 5536622-1

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

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **8**

Number of Rows: **4**

Features

Electrical Characteristics

Operating Voltage	30 VDC
Contact Resistance	10 mΩ

Dimensions

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

Packaging Features

Packaging Quantity	48
Packaging Method	Tube

Industry Standards

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

Usage Conditions

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

Mechanical Attachment



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

Termination Features

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

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

Housing Features

Mating Entry Location	Top
Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	2 mm[.079 in]

Configuration Features

Number of Loaded Positions	8
Mating & Unmating Configuration	Sequencing



Number of Power Positions	8
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	8
Number of Rows	4

Product Type Features

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

Body Features

Primary Product Color	Natural
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Operation/Application

Circuit Application	Power
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

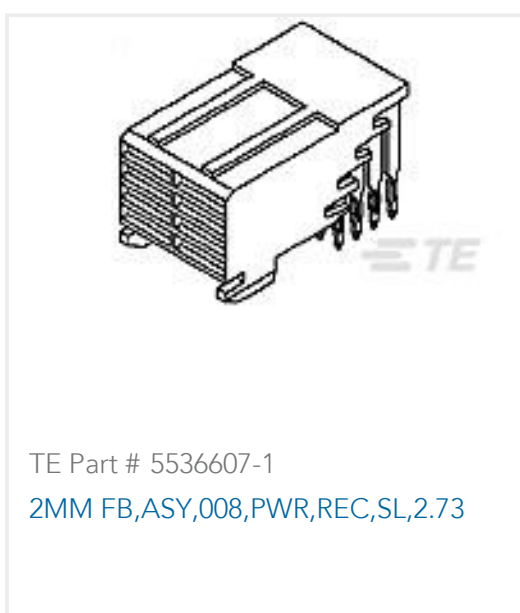
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	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



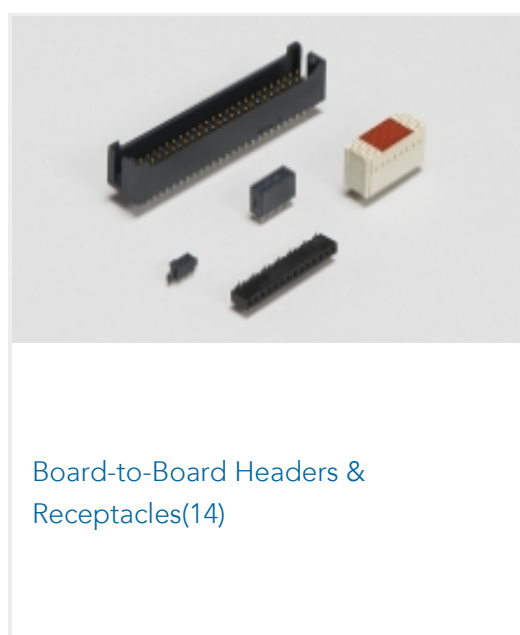
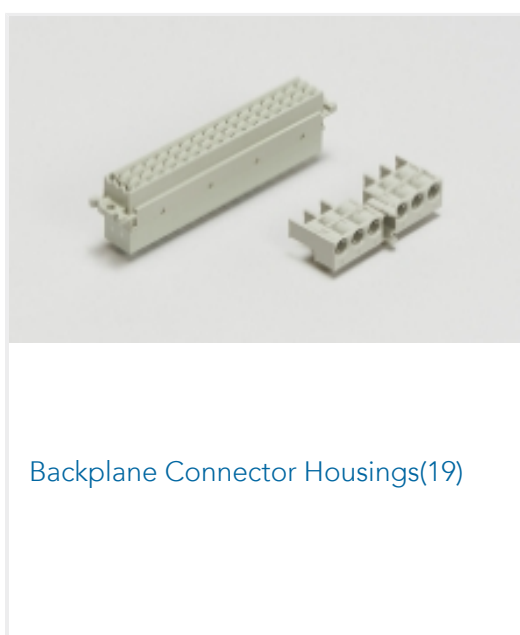
Product Compliance Disclaimer

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



Also in the Series | Z-PACK Future Bus+



Customers Also Bought





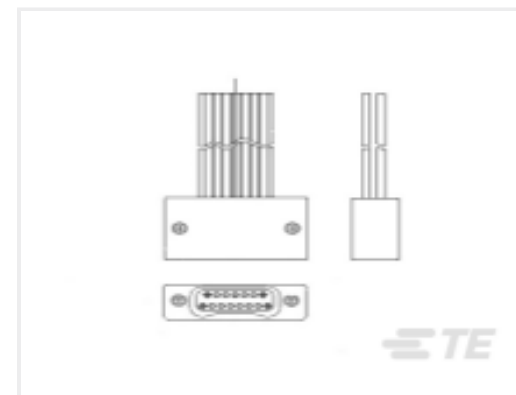
TE Part #1484876-1
RCPT ASY,SZ1 W/INTGR PNL,ARINC



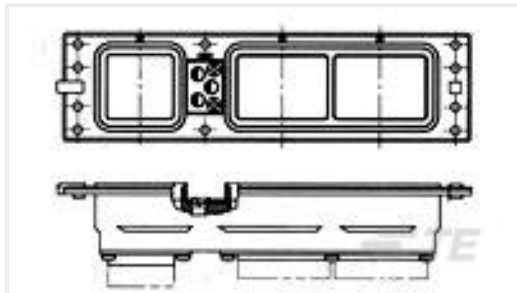
TE Part #YDTS24W13-35BAV001
RECP ASSY



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



TE Part #3-1589477-1
STM037SC2DC012N = WDUALOBE



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



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