

646478-2 ✓ ACTIVE

Z-PACK | Z-PACK 2mm HM

TE Internal #: 646478-2

PCB Connector Shrouds, Shroud, Mating Alignment, 154 Position, 2 mm [.079 in] Centerline, 7 Row, 22 Column, Length 1.96 in [49.85 mm], Z-PACK 2mm HM

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Connectors > PCB Connectors > PCB Connector Accessories > Protection & Strain Relief > PCB Connector Shrouds



Connector Mounting Accessory Type: **Shroud**

Standoff Height: **.9 mm [.035 in]**

Mating Alignment: **With**

Number of Positions: **154**

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

Features

Product Type Features

Connector Mounting Accessory Type	Shroud
Sealable	No

Configuration Features

Number of Positions	154
Number of Rows	7
Number of Columns	22

Body Features

Shroud Material	Glass Filled Polyester
Shroud Floor Thickness	3 mm[.118 in]
Shroud Color	Gray

Contact Features

CompactPCI	Yes
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Mechanical Attachment



Mating Alignment Type	Guide Lugs
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Mating Alignment	With
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Housing Features

Centerline (Pitch)	2 mm [.079 in]
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Dimensions

Accepts Module Length	50 mm [1.968 in]
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Standoff Height	.9 mm [.035 in]
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Row-to-Row Spacing	2 mm [.079 in]
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Product Length	49.85 mm [1.96 in]
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Product Height	14.3 mm [.562 in]
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Product Width	15.4 mm [.606 in]
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Usage Conditions

Compatible With Backplane Connector Type	Type A
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Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
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Operation/Application

Solder Process Feature	Board Standoff
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Package
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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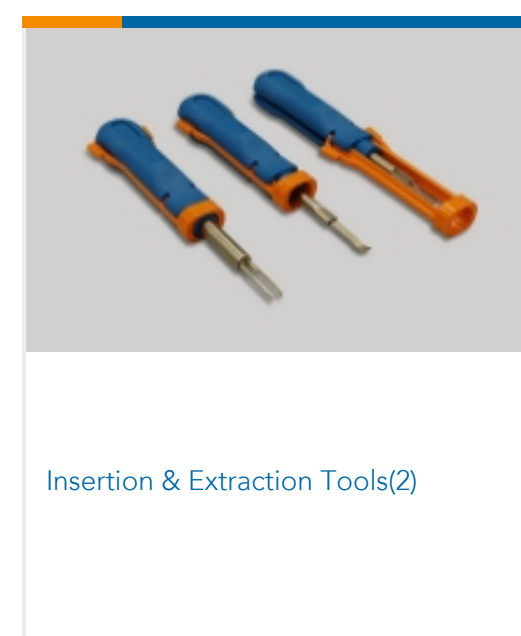
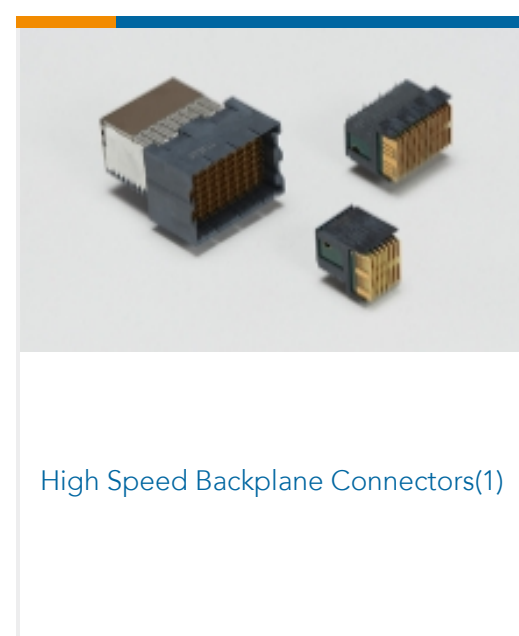
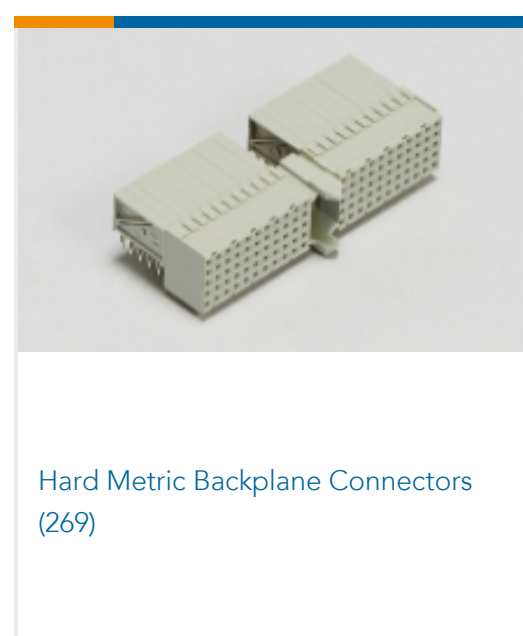
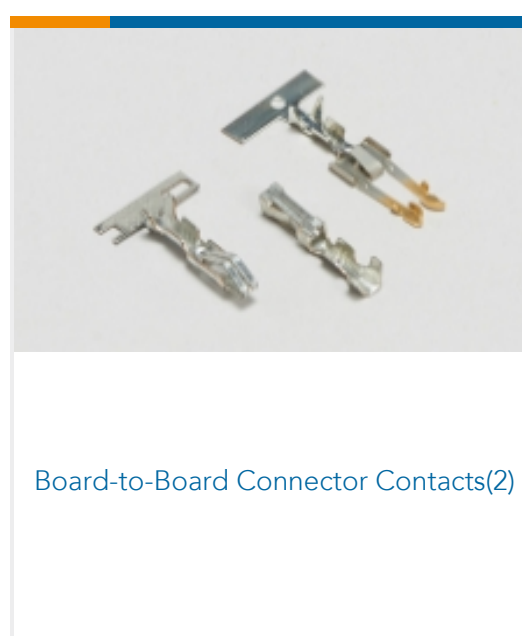
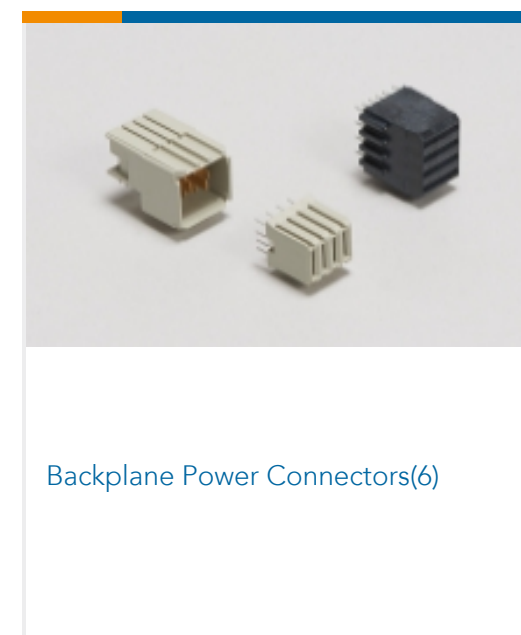
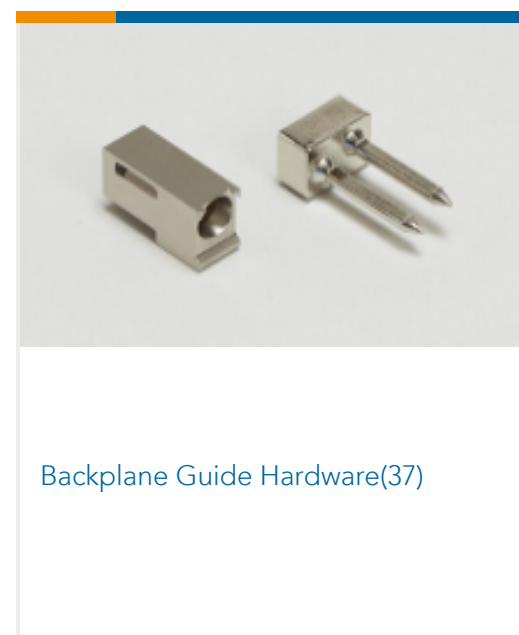
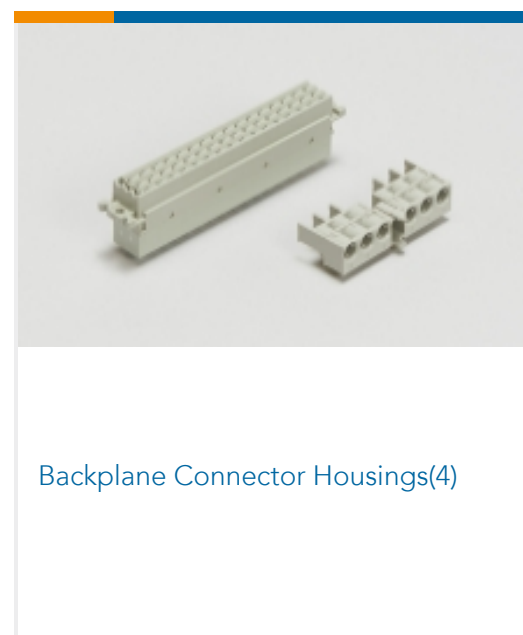
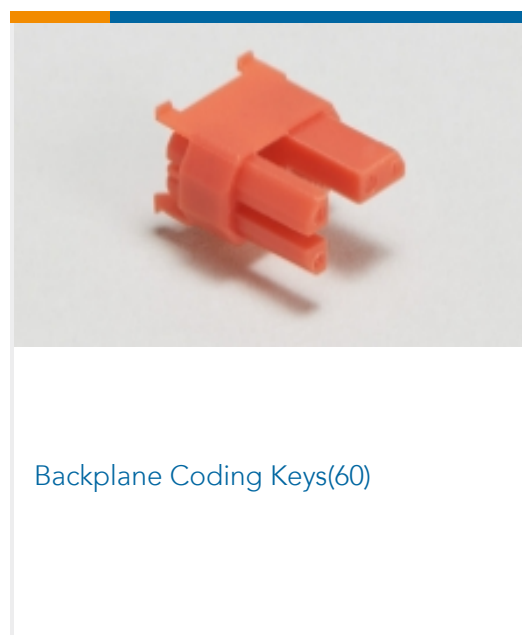
Product Compliance Disclaimer

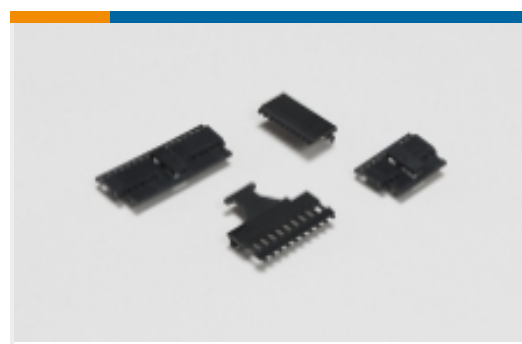
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 2mm HM





PCB Connector Covers(4)



PCB Connector Shrouds(39)



PCB Ferrules & Shields(19)



Rectangular Power Connectors(87)

Documents

Product Drawings

[2MM H.M., "A" SHROUD,3.9MM](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_646478-2_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_646478-2_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_646478-2_F.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English