

646502-2 ✓ ACTIVE

Z-PACK | Z-PACK 2mm HM

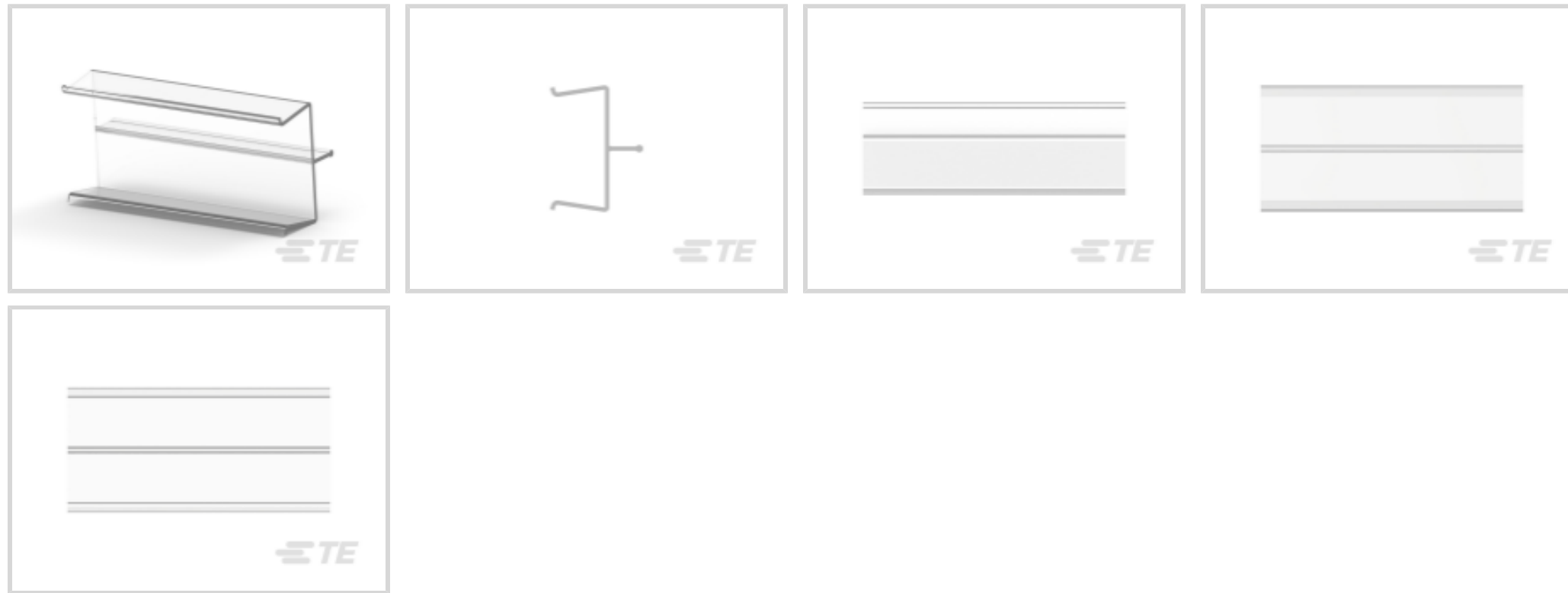
TE Internal #: 646502-2

PCB Connector Covers, Polycarbonate, Standard Product Profile,  
Terminating, -55 – 125 °C [-67 – 257 °F], Z-PACK 2mm HM

[View on TE.com >](#)



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



Primary Product Material: **Polycarbonate**

Product Profile: **Standard**

Connector Cover Type: **Terminating**

Operating Temperature Range: **-55 – 125 °C [-67 – 257 °F]**

## Features

### Product Type Features

Product Profile	Standard
Connector Cover Type	Terminating

### Body Features

Primary Product Color	Clear
Primary Product Material	Polycarbonate

### Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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### Industry Standards

UL Flammability Rating	UL 94V-0
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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: JUNE 2023 (235)  
 Candidate List Declared Against: JUNE 2023 (235)  
 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

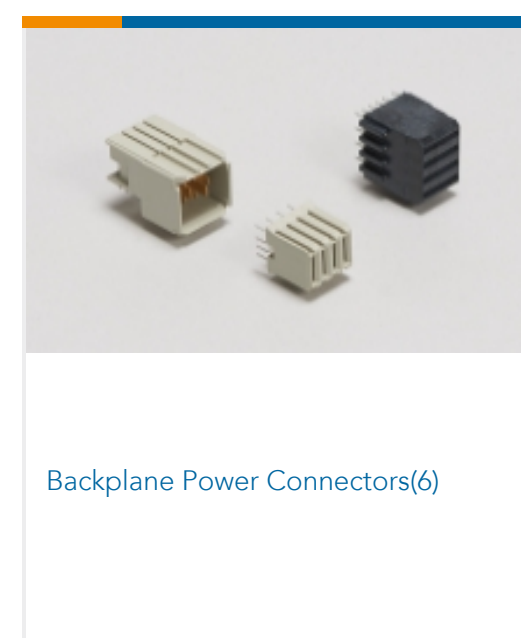
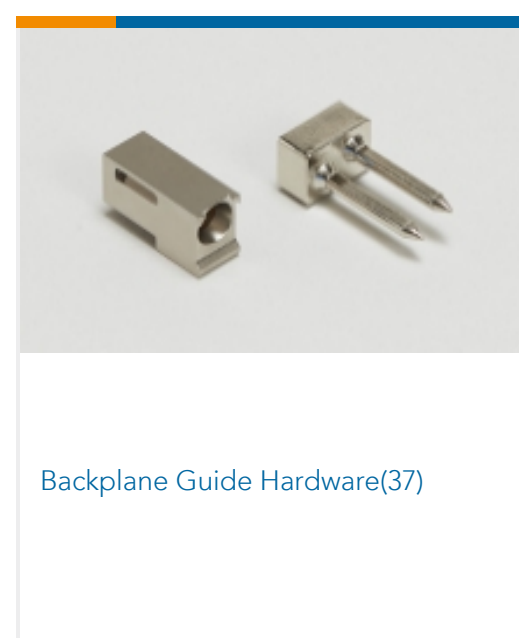
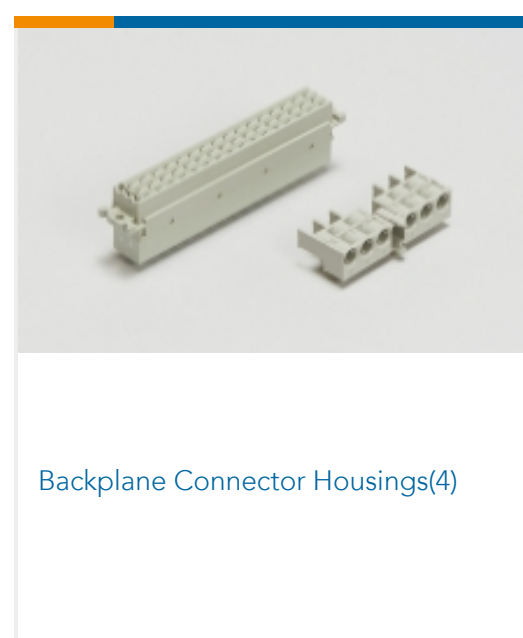
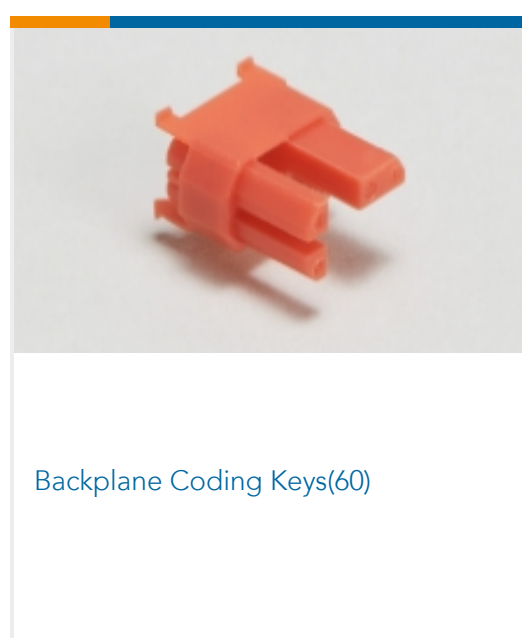
Product Compliance Disclaimer

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

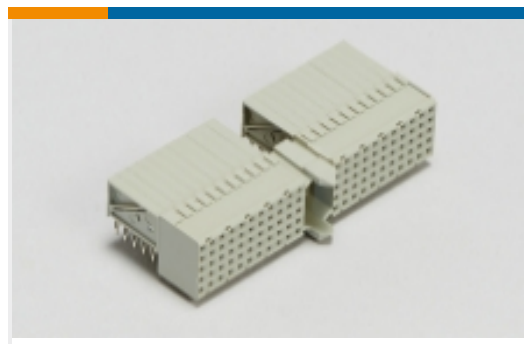


## Also in the Series | Z-PACK 2mm HM

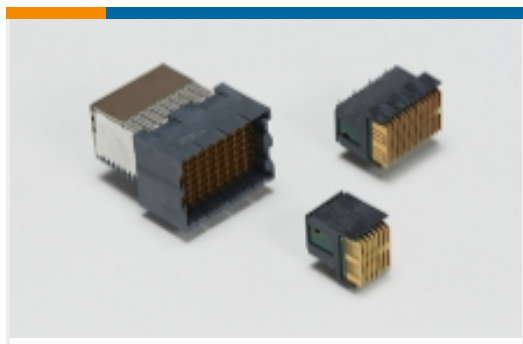




Board-to-Board Connector Contacts(2)



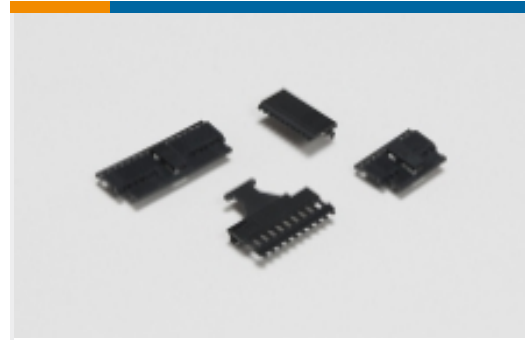
Hard Metric Backplane Connectors (269)



High Speed Backplane Connectors(1)



Insertion & Extraction Tools(2)



PCB Connector Covers(4)



PCB Connector Shrouds(39)



PCB Ferrules & Shields(19)

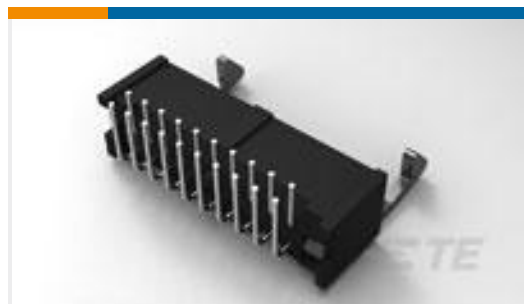


Rectangular Power Connectors(87)

## Customers Also Bought



TE Part #6609073-4  
60AYT6C J0=F7477



TE Part #1761607-5  
IDC LOW PRO HDR 14P RA LG LAT  
BLK



TE Part #9-1879212-9  
CPF 0402 25R5 0.1% 25PPM 1K RL



TE Part #6-102692-3  
40 MODII 2PC HDR DR SHRD, ROHS



TE Part #7-1879212-6  
CPF 0402 14R 0.1% 25PPM 1K RL



TE Part #1-1614885-1  
CPF 0805 180K 0.1% 25PPM 1K RL



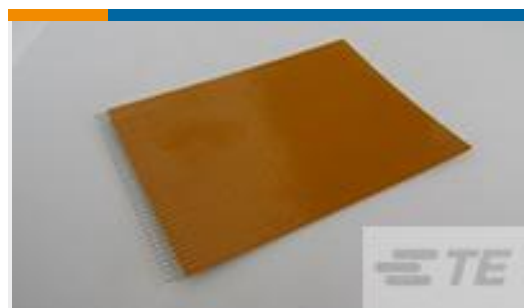
TE Part #1676436-2  
RN 0805 7K32 0.1% 10PPM 1KRL



TE Part #1-2176088-1  
RP 1J 0.166W 953R 0.1% 25PPM 1K RL



TE Part #2176328-3  
CRGP 1206 15R 1%



TE Part #2-1437186-9  
FST-21A-15

## Documents



### Product Drawings

#### 2MM HM DUST PROTECTOR TYPE D/E

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_646502-2\\_J.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_646502-2\\_J.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_646502-2\\_J.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Product Specifications

#### Product Specification

English

#### Product Specification

English