

646478-2 ✓ ACTIVE

Z-PACK | Z-PACK 2mm HM

TE Internal #: 646478-2

PCB Mount Shroud, Gray, Glass Filled Polyester, 154 Position, Z-PACK 2mm HM

[View on TE.com >](#)



Connectors > Connector Accessories > Connector Caps & Covers



Connector Cover Type: PCB Mount Shroud

Primary Product Color: Gray

Primary Product Material: Glass Filled Polyester

Number of Positions: 154

Operating Temperature (Max): 125 °C [ 257 °F ]

## Features

### Operation/Application

Assembly Process Feature	Board Standoff
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Housing Features

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

Row-to-Row Spacing	2 mm[.079 in]
Product Width	15.4 mm[.606 in]
Product Length	49.85 mm[1.96 in]
Product Height	14.3 mm[.562 in]

### Mechanical Attachment

Mating Alignment Type	Guide Lugs
Mating Alignment	With

### Packaging Features



Packaging Method	Package
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### Configuration Features

Number of Rows	7
Number of Positions	154

### Product Type Features

Connector Cover Type	PCB Mount Shroud
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### Body Features

Primary Product Color	Gray
Primary Product Material	Glass Filled Polyester

### Usage Conditions

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

### 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	Not Low Halogen - contains Br or Cl > 900 ppm.
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

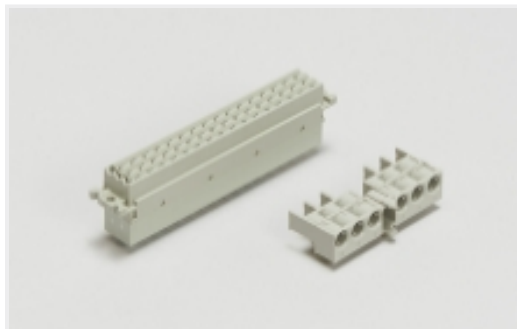


TE Part # 90753-1  
SEATING TOOL ASSY H.M. 154 PIN

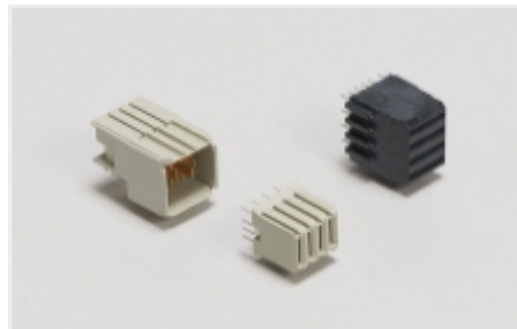


TE Part # 100147-1  
Z-PACK/A F-HDR.110P

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



Backplane Connector Housings(4)



Backplane Power Connectors(1)



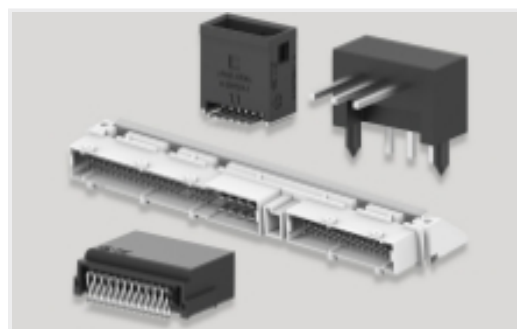
Connector Caps & Covers(62)



Connector Contacts(2)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(46)



Power Contacts(2)

## Customers Also Bought



TE Part #1055687-1  
2367 0000 54, VERT PLUG



TE Part #1SNA105001R2700  
M4/6



TE Part #1SNA160496R2600  
DR4/6.P



TE Part #1-2308338-1  
QL-FULL METAL HOODS SIZE 5 (1  
CABLE CLP)



TE Part #2528634001  
RNF-3000-24/8-1-SP



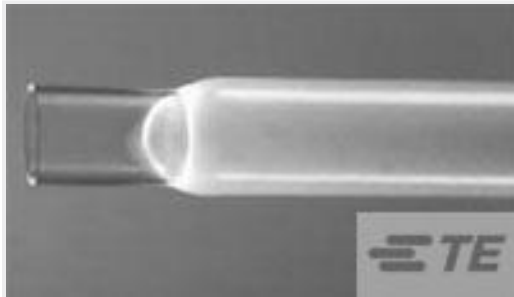
TE Part #CAT-M8793-CH8172  
MOS, CONNECTOR HOUSING



TE Part #200875-7  
SKT ASSY, M SERIES



TE Part #5039304024  
DR-25-1/2-0-SP



TE Part #5960012005  
TFER-5/64-X-STK

## 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

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

### Product Specifications

[Application Specification](#)

English