

5636120-4 x OBSOLETE

Z-PACK | Z-PACK 2mm HM

TE Internal #: 5636120-4

TE Internal Description: 2MM-HM,7 ROW LEV 1 ACTN PIN

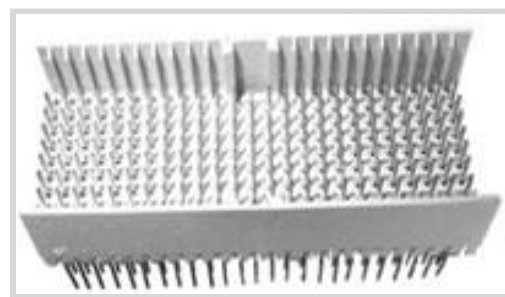
Hard Metric Male Connector: Traditional Backplane, Mezzanine, 2mm

[View on TE.com >](#)



[Connectors >](#) [PCB Connectors >](#) [Backplane Connectors >](#) [Hard Metric Backplane Connectors >](#)

Hard Metric Male Connector: Traditional Backplane, Mezzanine, 2mm



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

Data Rate: **≤1 Gb/s**

Number of Columns: **6**

Number of Rows: **7**

Backplane Architecture: **Mezzanine**

[All Hard Metric Male Connector: Traditional Backplane, Mezzanine, 2mm \(124\)](#)

## Features

### Product Type Features

Backplane Interface Type	2mm HM
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Header
Sealable	No

### Configuration Features

Rows Loaded	Fully Loaded
Number of Columns	6
Number of Rows	7
Backplane Architecture	Mezzanine
Number of Positions	35
PCB Mount Orientation	Vertical

### Signal Characteristics

Crosstalk Version	Standard
Data Rate	≤1 Gb/s

### Body Features

Primary Product Color	Black
-----------------------	-------

#### Contact Features

Contact Mating Area Length	8.2 mm
----------------------------	--------

Feedthrough Post Length	3.7 mm
-------------------------	--------

CompactPCI Designation	None
------------------------	------

Contact Type	Pin
--------------	-----

Contact Underplating Material	Nickel
-------------------------------	--------

PCB Contact Termination Area Plating Material	Tin
---	-----

Contact Base Material	Phosphor Bronze
-----------------------	-----------------

Contact Mating Area Plating Material	Gold
--------------------------------------	------

Contact Mating Area Plating Material Thickness	.05 $\mu\text{m}$ [2 $\mu\text{in}$ ]
--	---------------------------------------

Contact Current Rating (Max)	.7 A
------------------------------	------

#### Termination Features

Termination Method to PCB	Through Hole - Press-Fit
---------------------------	--------------------------

#### Mechanical Attachment

Connector Mounting Type	Board Mount
-------------------------	-------------

#### Housing Features

Housing Material	Polyester - GF
------------------	----------------

Centerline (Pitch)	2 mm[.078 in]
--------------------	---------------

#### Dimensions

Backplane Module Length	13.88 mm
-------------------------	----------

#### Usage Conditions

Operating Temperature Range	-65 – 105 $^{\circ}\text{C}$ [-85 – 221 $^{\circ}\text{F}$ ]
-----------------------------	--

#### Operation/Application

Shielded	No
----------	----

Circuit Application	Signal
---------------------	--------

#### Packaging Features

Packaging Quantity	1
--------------------	---

Packaging Method	Package
------------------	---------

#### Product Compliance

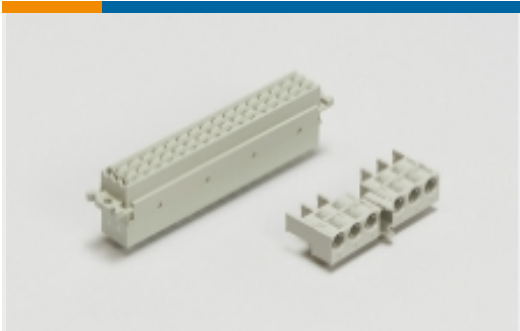
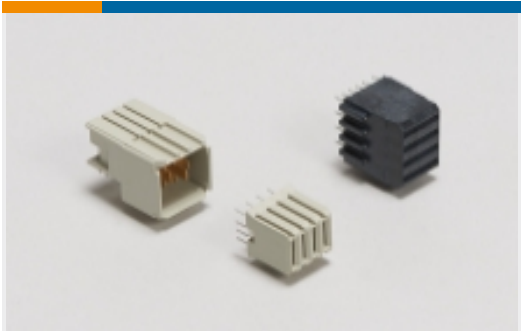



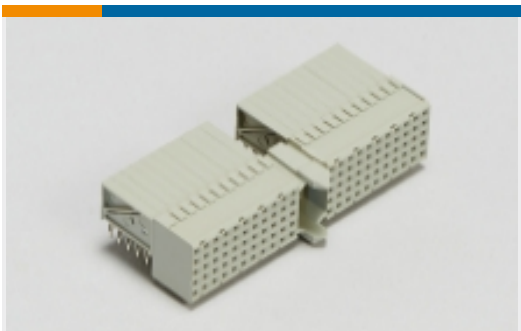
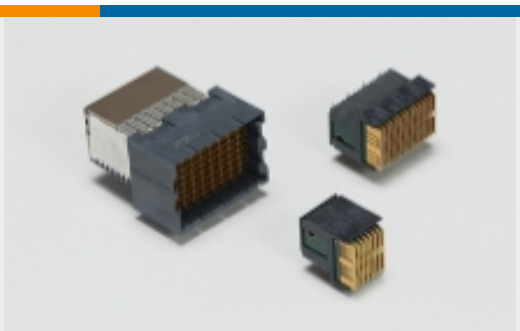

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | Z-PACK 2mm HM

			
Backplane Connector Housings(4)	Backplane Power Connectors(6)	Connector Caps & Covers(62)	Connector Contacts(2)
			
Connector Hardware(97)	Hard Metric Backplane Connectors (267)	High Speed Backplane Connectors(1)	Insertion & Extraction Tools(2)



Rectangular Power Connectors(87)

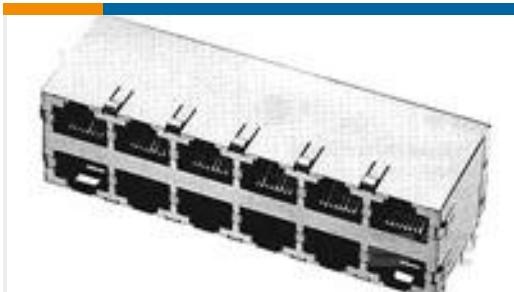
## Customers Also Bought



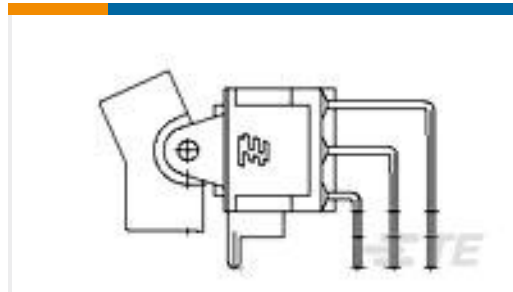
TE Part #3-1393789-9  
V23079A2011B301



TE Part #6-147723-9  
20 MODIV VRT SR SFMNT 30AU



TE Part #6368296-1  
ASSY,SHLD,2X8,STK MJ,WAVE PNL



TE Part #7-1571986-2  
A101J1AV2Q004AM marking O -



TE Part #84534-6  
1.25MM FFC POST PLATED V 6P



TE Part #4-1879269-9  
RP 2A 32R4 0.1% 15PPM CUT LENGTH

## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5636120-4\\_D.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5636120-4\\_D.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5636120-4\\_D.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



## Application Specification

English