

3-6600333-7

✓ ACTIVE

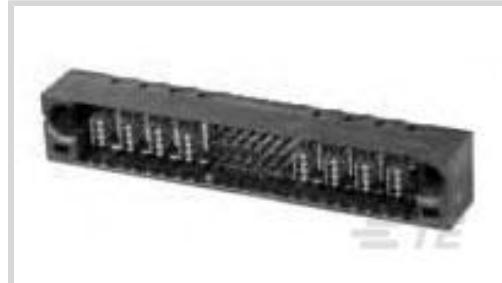
MULTI-BEAM

TE Internal #: 3-6600333-7

PCB Mount Header, Vertical, Board-to-Board, 28 Position, 2.54 mm / 6.35 mm [.1 in / .25 in] Centerline, Fully Shrouded, Gold, Through Hole - Press-Fit

[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: **28**Number of Rows: **4****Features****Electrical Characteristics**

Operating Voltage	200 VDC, 60 VDC
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Dimensions

Row-to-Row Spacing	2.54 mm [.1 in]
Connector Width	14.58 mm [.574 in]
Connector Height	12.7 mm [.5 in]
Connector Length	59.69 mm [2.35 in]

Packaging Features

Packaging Quantity	30
Packaging Method	Tray

Industry Standards

Glow Wire Rating	High Temperature Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Usage Conditions

Operating Temperature (Max)	105 °C [221 °F]
Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]

Mechanical Attachment

PCB Mount Retention Type	Retention Clip/Post
Mating Alignment Type	Guide Hole

PCB Mount Alignment Type	Retention Clip/Post
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PCB Mount Retention	With
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PCB Mount Alignment	With
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Connector Mounting Type	Board Mount
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Mating Alignment	With
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Termination Features

Termination Post & Tail Length	4.19 mm[.165 in]
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Termination Method to PCB	Through Hole - Press-Fit
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Contact Features

Contact Underplating Material	Nickel
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Contact Underplating Material Thickness	1.27 μm [50 μin]
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Contact Size	.64mm
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Contact Mating Area Plating Material Thickness	.076 μm [3 μin]
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Mating Square Post Dimension	.64 mm[.025 in]
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PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm [100 – 200 μin]
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Contact Shape & Form	Square
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Contact Layout	Matrix
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Contact Base Material	Copper Alloy
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PCB Contact Termination Area Plating Material	Tin
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Contact Mating Area Plating Material	Gold
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Contact Type	Blade, Tab
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Contact Current Rating (Max)	42 A
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Housing Features

Housing Material	Thermoplastic
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Centerline (Pitch)	6.35 mm, 2.54 mm[.25 in][.1 in]
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Configuration Features

Number of Columns	10
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Number of Loaded Positions	28
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Mating & Unmating Configuration	Sequencing
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Number of Signal Positions	24
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Number of Power Positions	4
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PCB Mount Orientation	Vertical
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Number of Positions	28
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Number of Rows	4
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Product Type Features

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

Body Features

Primary Product Color	Black
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Operation/Application

Circuit Application	Power & Signal
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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>

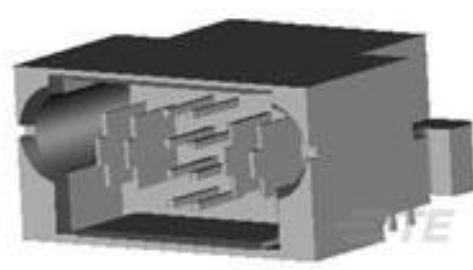
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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

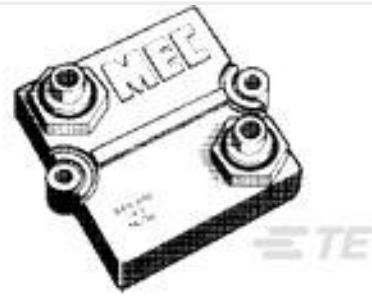
chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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.

Compatible Parts



TE Part # 6450830-1
[MBXL R/A HDR 2LP + 8S + 2LP](#)

Customers Also Bought



TE Part #1614770-4
[BDS 2 A 250 10R 10%](#)



TE Part #ZPF00000000136485
[RECEPTACLE MALE FOR 12 PINS, CAL1,6](#)



TE Part #EC9833-000
[ZHD-SCE-3.2-50-S1-4](#)



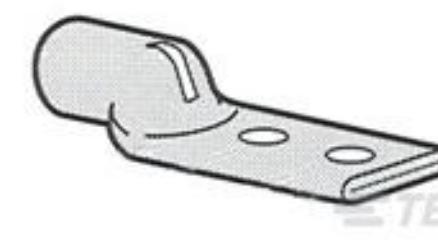
TE Part #ASA158F12390235000
[623 PLUG](#)



TE Part #ZPF00000000205373
[PLUG MALE ANG.90 CAL.20 - FXP](#)



TE Part #YZ-KC-212751A-PY00
[TOOL DISMOUNTING - FXP2](#)



TE Part #55992-1
[TERMINAL,AMPOWER R 2/0 5/16](#)



Documents

Product Drawings

[MBXL VERT HDR 2P+24S+2P](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-6600333-7_N5.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-6600333-7_N5.3d_jgs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-6600333-7_N5.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1](#)

English

Product Specifications

[Application Specification](#)

English