

5-530218-1 ✓ ACTIVE

AMP | AMP M Series

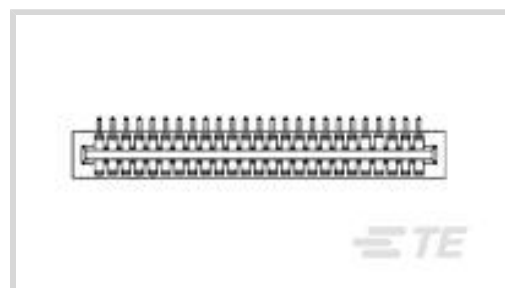
TE Internal #: 5-530218-1

Standard Edge Connectors, Board-to-Board, 25 Position, .1 in [2.54 mm] Centerline, Solder Eyelet, 1 Row, Black, Glass Filled Polyester, AMP M Series

[View on TE.com >](#)



Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors



Connector System: **Board-to-Board**

Number of Positions: **25**

Centerline (Pitch): **2.54 mm [.1 in]**

Termination Method to Wire & Cable: **Solder Eyelet**

Number of Rows: **1**

Features

Product Type Features

Connector System	Board-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	25
Number of Rows	1
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle

Body Features

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

Contact Features

Contact Retention Within Housing	With
Contact Type	Socket
Contact Mating Area Plating Material Thickness	.38 μ m [15 μ in]
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin



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

Contact Current Rating (Max)	5 A
------------------------------	-----

Termination Features

Termination Post & Tail Length	3.81 mm[.15 in]
--------------------------------	-----------------

Termination Method to Printed Circuit Board	Through Hole - Solder
---	-----------------------

Termination Method to Wire & Cable	Solder Eyelet
------------------------------------	---------------

Mechanical Attachment

Mating Alignment Type	Polarization
-----------------------	--------------

Mating Retention	Without
------------------	---------

Mating Alignment	With
------------------	------

PCB Mount Alignment	Without
---------------------	---------

PCB Mount Retention	Without
---------------------	---------

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

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
--------------------	----------------

Housing Material	Glass Filled Polyester
------------------	------------------------

Dimensions

Card Slot Depth	8.76 mm[.34 in]
-----------------	-----------------

Connector Height	19.05 mm[.75 in]
------------------	------------------

Row-to-Row Spacing	3.81 mm[.15 in]
--------------------	-----------------

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
-----------------------------	---------------------------

Operation/Application

Circuit Application	Power
---------------------	-------

Packaging Features

Packaging Quantity	128
--------------------	-----

Packaging Method	Box
------------------	-----

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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°C

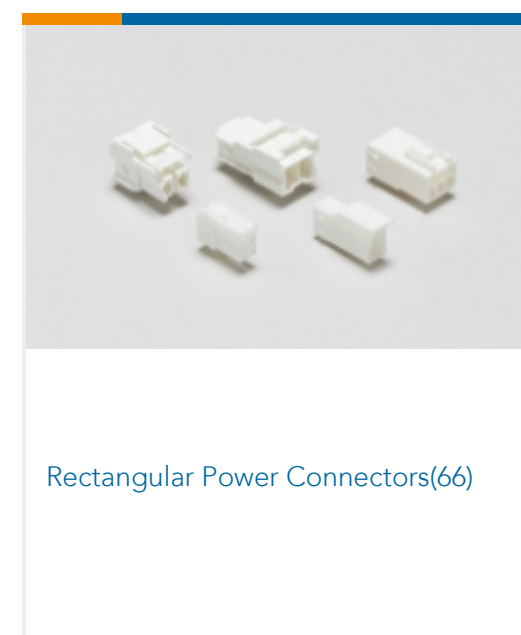
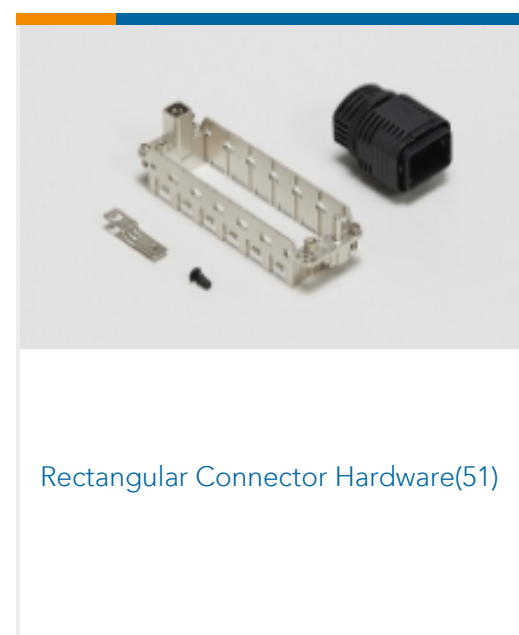
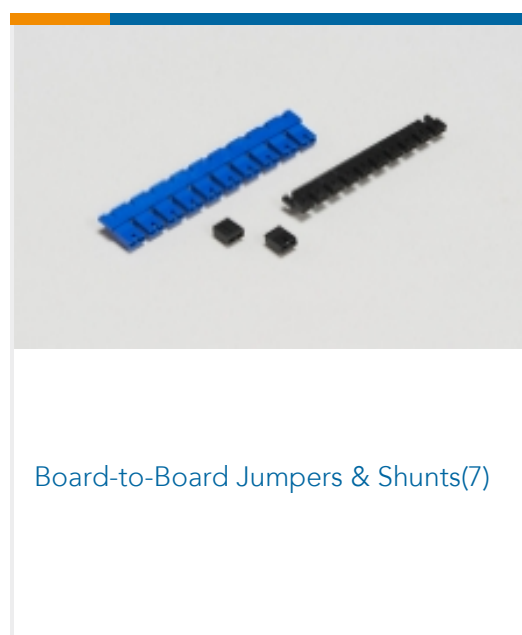
Product Compliance Disclaimer

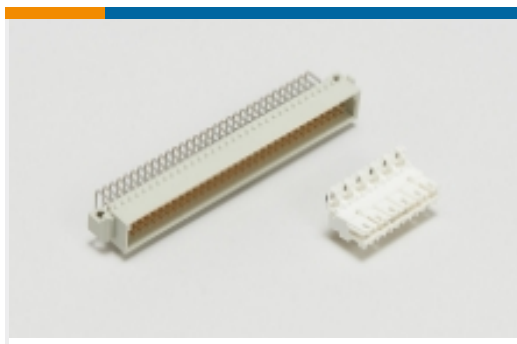
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



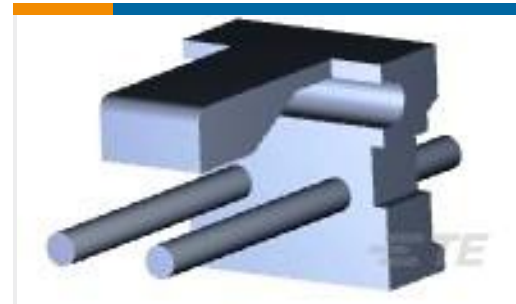
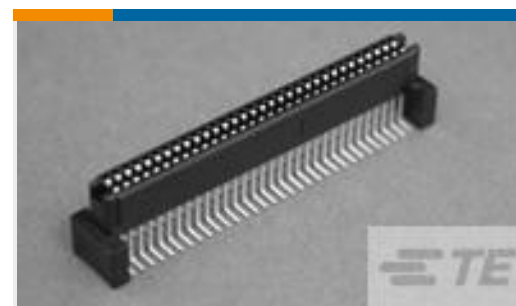
Also in the Series | AMP M Series





Standard Edge Connectors(2)

Customers Also Bought

TE Part #413631-1
JACK,RTANG, PCB,50 OHM, BNCTE Part #5103308-2
A/L LOW PRO HDR 14P VERT BLACKTE Part #3-641120-2
02P MTA156 HDR ASSY FL/ST LFTE Part #9-1625892-3
3W SM M/OX 5% R15TE Part #1-2340321-2
ASSY STRADDLE MOUNT 168P 076
SLIVER 2.0TE Part #1-2340324-2
ASSY STRADDLE MOUNT 140P 076
SLIVER 2.0TE Part #5120523-1
1FHR,64,30A/S,S,N,S13TE Part #5050462-7
SOCKET,MIN SPR SN SER-2

Documents

Product Drawings

[CONN TWIN LEAF 25 POS 100 C/L](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5-530218-1_Y.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5-530218-1_Y.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-530218-1_Y.3d_stp.zip](#)

English

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



Product Specifications

Product Specification

English

Product Specification

English