



AMP-BLADE

TE Internal #: 3-582308-1

Two-Piece Edge Connectors, 47 Position, .1 in [2.54 mm] Centerline, Blade, Connector Assembly, Printed Circuit Board

[View on TE.com >](#)

Connectors > PCB Connectors > Card Edge Connectors > Two-Piece Edge Connectors



Number of Positions: 47

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

Contact Type: **Blade**

Connector Product Type: **Connector Assembly**

Connector & Contact Terminates To: **Printed Circuit Board**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	47

Contact Features

Contact Mating Area Plating Material Thickness	.76 µm
Contact Mating Area Plating Material	Gold
Contact Base Material	Brass Alloy
Contact Type	Blade

Termination Features

Termination Post & Tail Length	3.05 mm[.12 in]
--------------------------------	-----------------

Mechanical Attachment

PCB Mount Retention Type	Mounting Ears
--------------------------	---------------

Housing Features

Housing Material	Diallyl Phthalate
Housing Color	Green



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

Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]
-----------------------------	-----------------

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2018 (181) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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.

Documents

Product Drawings

[47 AMP BLADE HDR ASSY](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)



[ENG_CVM_CVM_3-582308-1_T.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-582308-1_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-582308-1_T.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Products for Aerospace and Defense](#)

English

Agency Approvals

[Agency Approval Document](#)

English