

A6D28RA29E=Cardedge Connector ✓ ACTIVE

TE Part # 3-1437267-9

TE Internal #: A6D28RA29E

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



Number of Positions: **56**

Centerline (Pitch): **3.96 mm [.156 in]**

Number of Dual Positions: **28**

Locking Clip Location: **None**

Number of Rows: **2**

Features

Product Type Features

Connector Style	Receptacle
Row-to-Row Spacing	5.08 mm[.2 in]
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Mounting Ear Position	Centered
Number of Positions	56
Number of Dual Positions	28
Number of Rows	2
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Board-to-Board Configuration	Parallel

Electrical Characteristics

Operating Voltage	1500 VDC
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Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 μm [100 μin]
PCB Contact Termination Area Plating Material Finish	Bright
Contact Type	Socket
Contact Mating Area Plating Material Thickness	.76 μm
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin-Lead

Contact Base Material	High Strength Copper Alloy
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Contact Current Rating (Max)	3 A
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Termination Features

Termination Post & Tail Length	3.56 mm[.14 in]
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Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mating Alignment	Without
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Mating Retention	Without
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Contact Retention	Without
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PCB Mount Alignment	Without
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PCB Mount Retention	With
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Panel Mount Feature Type	Mounting Ears
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PCB Mount Retention Type	Mounting Ears
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Locking Clip Location	None
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Connector Mounting Type	Board Mount
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Housing Features

Housing Entry Configuration	Both Ends Closed
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Centerline (Pitch)	3.96 mm[.156 in]
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Housing Color	Black
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Housing Material	Thermoplastic
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Dimensions

Height	5.49 mm[.216 in]
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Card Slot Depth	7.62 mm[.3 in]
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Package
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Packaging Quantity	20
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Product Compliance


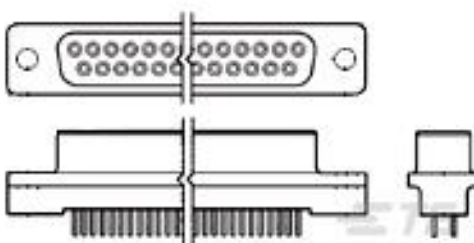
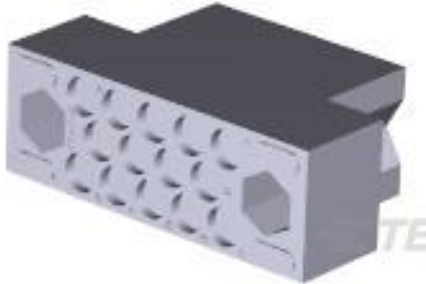

[For compliance documentation, visit the product page on TE.com>](#)

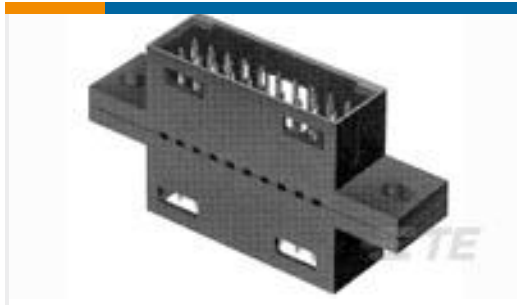
EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: DEC 2010 (44)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 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.

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TE Part #CB5436-000
XFFR-11X25



TE Part #1-644487-2
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ASSY 30AU



TE Part #6-103167-4
34 MODII HDR DRRA
SHRD LF

Documents

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_3-1437267-9_A.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_3-1437267-9_A.3d_igs.zip](#)

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Product Specifications

[Product Specification](#)

English

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