

6450833-7 ✓ ACTIVE

MULTI-BEAM | MULTI-BEAM XLE

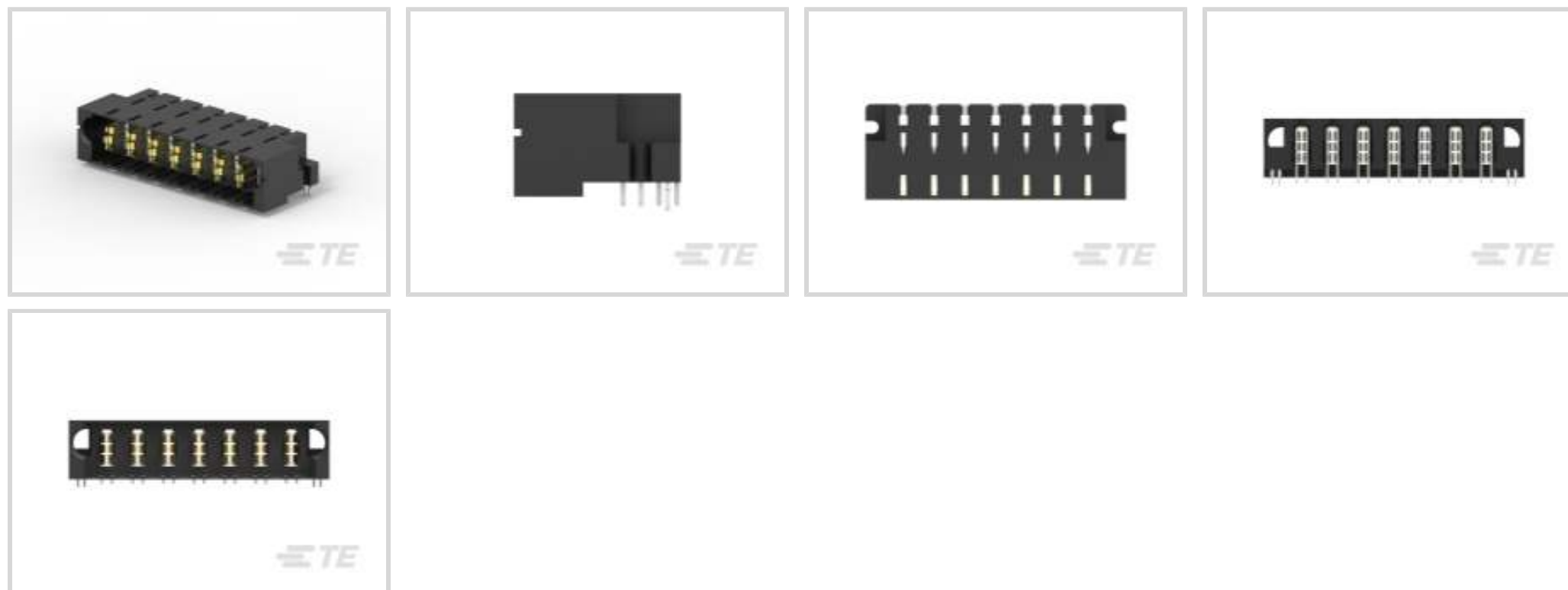
TE Internal #: 6450833-7

Rectangular Power Connectors, Connector Assembly, Plug, Board-to-Board, 7 Position, 7.62 mm [.3 in] Centerline, Printed Circuit Board, MULTI-BEAM XLE

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Plug**

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

Number of Positions: **7**

Centerline (Pitch): **7.62 mm [.3 in]**

Features

Product Type Features

Assembly Requirement	Factory Assembled
Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Mating & Unmating Configuration	Normal
Number of Positions	7
PCB Mount Orientation	Right Angle
Number of Power Positions	7
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 VDC
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Body Features



Wire Color (Base)	Black
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Contact Features

Contact Mating Area Plating Material	Gold
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Contact Underplating Material	Nickel
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Contact Current Rating (Max)	50 A
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Contact Retention Within Housing	Without
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Contact Type	Blade
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PCB Contact Termination Area Plating Material	Tin
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Contact Mating Area Plating Material Thickness	.76 μ m[30 μ in]
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Termination Features

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

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	7.62 mm[.3 in]
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Housing Color	Black
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Housing Material	High Temperature Thermoplastic
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Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

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

Packaging Method	Package
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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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: JAN 2023 (233)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Not reviewed for solder process capability

Product Compliance Disclaimer

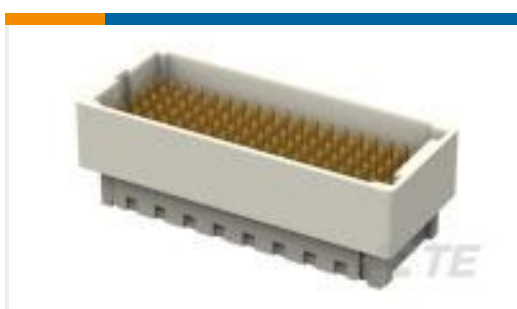
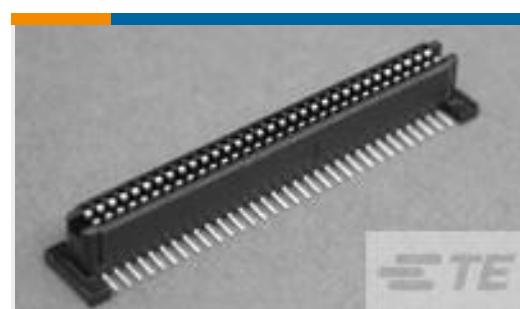
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

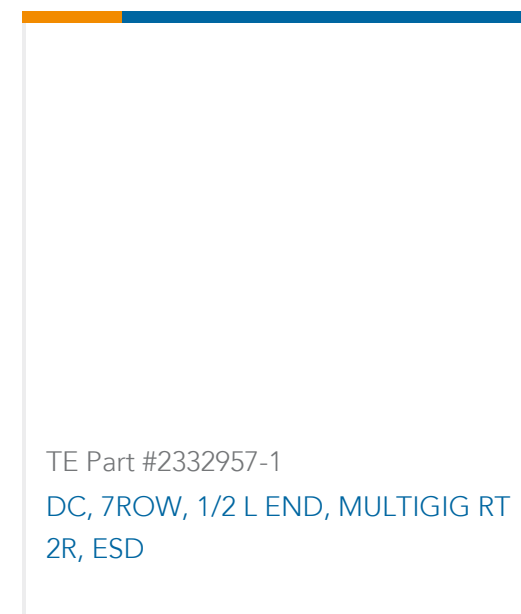
Also in the Series | MULTI-BEAM XLE



Rectangular Power Connectors(111)

Customers Also Bought

TE Part #2102060-3
Mezalok, Pin, 114 p, 30 Au, TLTE Part #5120521-2
1FHR,84,30A/S,S,N,S08,09,10TE Part #1676966-9
SMW2 R22 5%TE Part #1-1469491-4
MULTIGIG RT GUIDE PIN, 9MM 5.70



Documents

Product Drawings

MBXLE R/A HDR 7ACP

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_6450833-7_C3.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6450833-7_C3.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6450833-7_C3.3d_stp.zip](#)

English

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

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English