

1600688-2

✓ ACTIVE

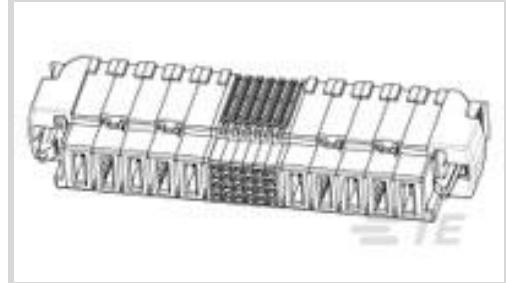
## MULTI-BEAM | MULTI-BEAM XLE

TE Internal #: 1600688-2

Rectangular Power Connectors, Housing, Receptacle, Cable-to-Board / Cable-to-Panel, 40 Position, MULTI-BEAM XLE

[View on TE.com >](#)

Connectors &gt; Power Connectors &gt; Rectangular Power &gt; Rectangular Power Connectors

Rectangular Power Connector Type: **Housing**Connector & Housing Type: **Receptacle**Connector System: **Cable-to-Board, Cable-to-Panel**Number of Positions: **40**Centerline (Pitch): **2.54 mm, 6.35 mm [.1 in, .25 in]****Features****Product Type Features**

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board, Cable-to-Panel
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

**Configuration Features**

Number of Positions	40
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	4

**Electrical Characteristics**

Operating Voltage	60 VDC, 200 VDC
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**Contact Features**

Power Contact Base Material	Tin
Contact Retention Within Housing	Without
Contact Type	Receptacle

**Termination Features**

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

PCB Mount Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

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

### Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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### Usage Conditions

Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

### Packaging Features

Packaging Method	Box
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable 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 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 # 6600383-4  
MBXL VERT HDR 4P+32S+4P STR

## Also in the Series | MULTI-BEAM XLE



Rectangular Power Connectors(111)

## Customers Also Bought



TE Part #ZPF000000000136485  
RECEPTACLE MALE FOR 12 PINS,  
CAL1,6



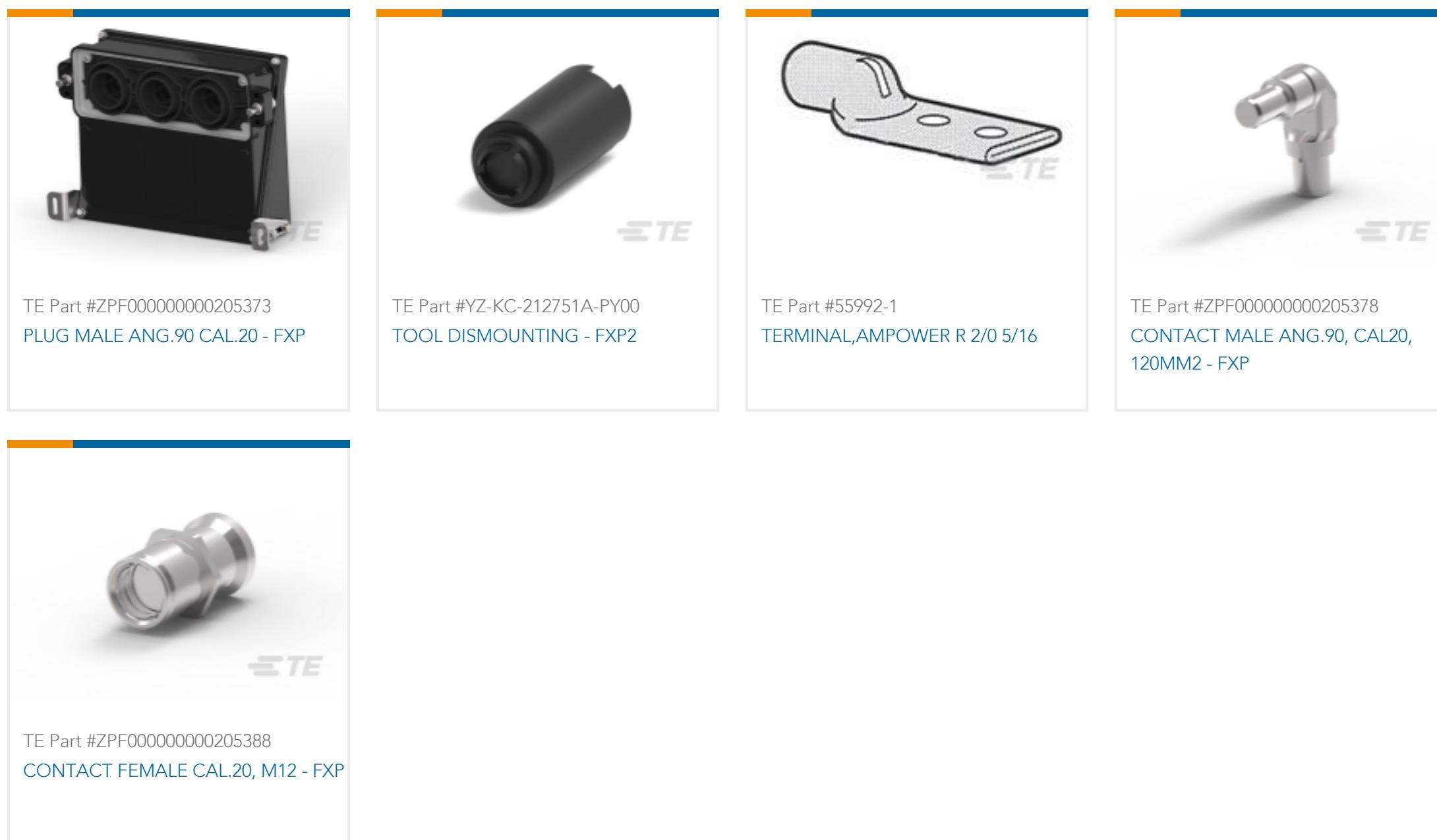
TE Part #EC9833-000  
ZHD-SCE-3.2-50-S1-4



TE Part #1-1415543-5  
RTE44110



TE Part #ASA158F12390235000  
623 PLUG



## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1600688-2\\_H2.2d\\_dxf.zip](#)

English

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1600688-2\\_H2.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1600688-2\\_H2.3d\\_stp.zip](#)

English

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

### Product Specifications

#### Application Specification

English