

ASSY PL R/A RAST5 HEADER 08-D

✓ ACTIVE

RAST | RAST 5 IDC Connectors

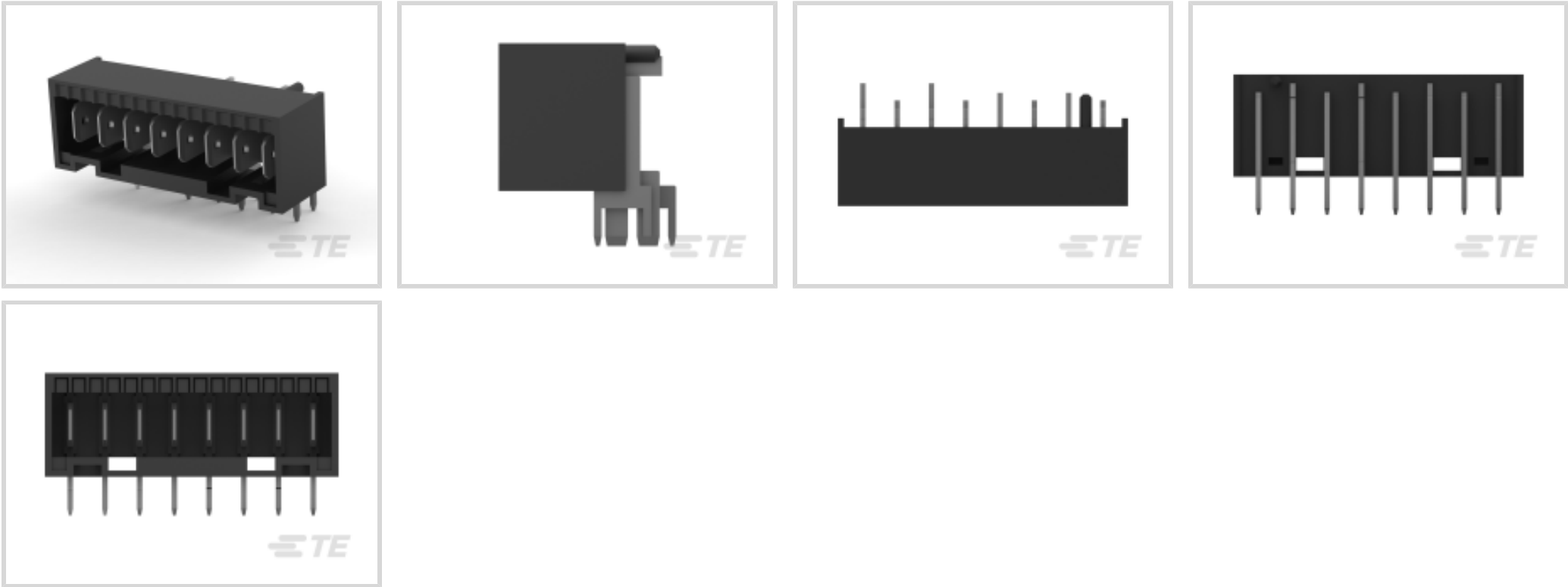
TE Part # 521384-8

TE Internal #: 521384-8

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **8**

Centerline (Pitch): **5 mm [.197 in]**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Keying & Polarized Position Locations	2D, 3C, 6D, 7C
PCB Mount Orientation	Right Angle
Number of Positions	8
Number of Rows	1

Contact Features

Contact Layout	Inline
PCB Contact Termination Area Plating Material Thickness	3.8 µm[149.6 µin]
Mating Tab Width	6.35 mm[.25 in]
PCB Contact Termination Area Plating Material	Tin



Contact Base Material	Brass
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	3.8 µm[149.6 µin]
Contact Type	Tab
Contact Current Rating (Max)	16 A

Termination Features

Termination Post & Tail Length	3.5 mm[.14 in]
Termination Method to Wire & Cable	Solder
Termination Method to Printed Circuit Board	Through Hole

Mechanical Attachment

PCB Mount Alignment Type	Boss
Mating Alignment Type	Keyed
Mating Alignment	With
PCB Mount Alignment	With
Mating Retention	Without
PCB Mount Retention	Without
Connector Mounting Type	Board Mount
Contact Retention	Without

Housing Features

Centerline (Pitch)	5 mm[.197 in]
Housing Color	Black
Housing Material	Nylon 6/6

Dimensions

Connector Length	16.65 mm[.66 in]
Connector Height	14.9 mm[.59 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °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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Packaging Features



Packaging Quantity	56
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: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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.

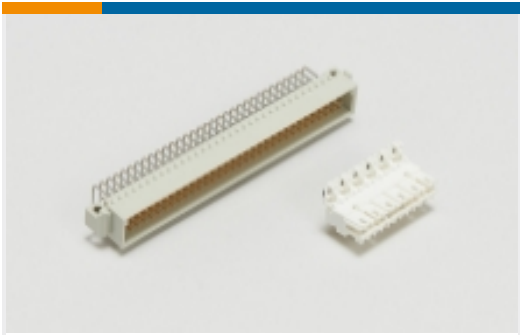
Also in the Series | RAST 5 IDC Connectors

Automotive, Truck, Bus, & Off-Road Terminals(8)

Connector Contacts(12)

Crimp Terminal Housings (41)

Rectangular Connector Housings(1)



Standard Edge Connectors
(4)



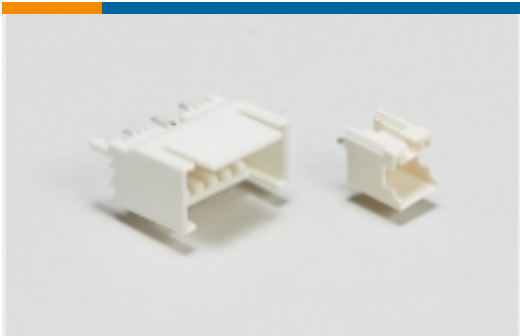
Standard Rectangular
Connectors(108)



Wire-to-Board Connector
Contacts(1)



Wire-to-Board Connector
Housings(218)



Wire-to-Board Headers &
Receptacles(459)

Customers Also Bought



TE Part #2102098-2
Fortis Zd 2Pr 20Col Vert
Cent Mod Assy



TE Part #2-208224-3
CPC RECPT ASSEMBLY
SIZE 23-37



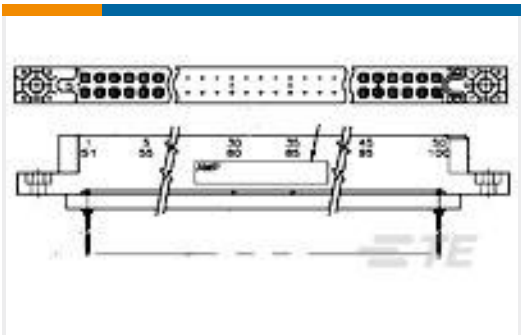
TE Part #2102087-2
Fortis Zd 2Pr 10Col R/A
Cent Module Assy



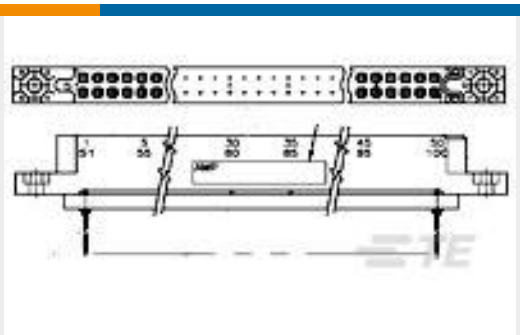
TE Part #2102093-2
Fortis Zd 2Pr 10Col Vert
Cent Mod Assy



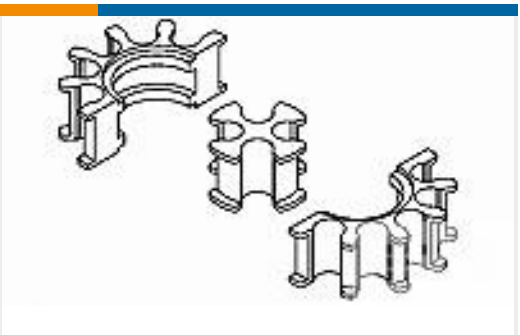
TE Part #213780-3
CPC RECPT ASSEMBLY
SIZE 23-24



TE Part #534650-2
BOX RECP 40 POS STAG
SEALED



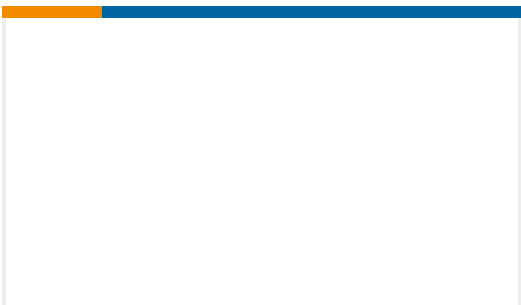
TE Part #534650-9
BOX RECP 110 POS STAG
SEALED



TE Part #CF4680-000
FLX40-020-14



TE Part #
YCFX20W1108JZN0000
RECP ASSY



TE Part #626177-000
D-704-0062

Documents



Product Drawings

ASSY PL R/A RAST5 HEADER 08-D

English

CAD Files

Customer View Model

ENG_CVM_521384-8_C.3d_igs.zip

English

Customer View Model

ENG_CVM_521384-8_C.3d_stp.zip

English

Customer View Model

ENG_CVM_521384-8_C.2d_dxf.zip

English

3D PDF

English

Datasheets & Catalog Pages

FASTON PCB Tabs and Receptacles

English

PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English

VDE Certificate

English