3-2232532-2 ✔ ACTIVE

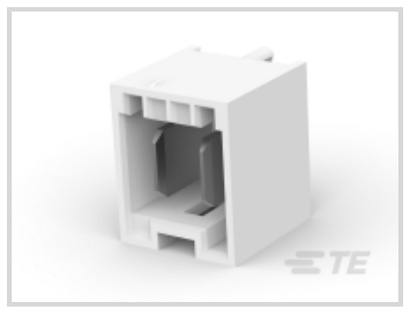
RAST | RAST 5D

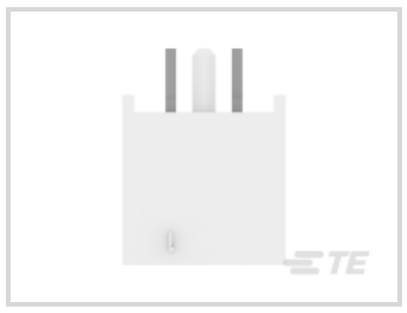
TE Internal #: 3-2232532-2

PCB Mount Header, Vertical, Wire-to-Board, 2 Position, 5 mm [.197 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Power, Natural, RAST 5D

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles





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

Number of Positions: **2**

Number of Rows: **1**

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

PCB Mount Orientation: **Vertical**

Features

Product Type Features

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

Configuration Features

Number of Columns	2
Number of Positions	2
Number of Rows	1
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Natural

Contact Features

PCB Contact Termination Area Plating Material Thickness	3.81 µm[150 µin]
Contact Layout	Inline
Mating Tab Width	6.3 mm[.248 in]
Mating Tab Thickness	.8 mm[.032 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	3.81 µm[150 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Rectangular
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin
Contact Type	Tab
Contact Current Rating (Max)	16 A

Termination Features

Square Termination Post & Tail Dimension	.8 mm[.032 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

PCB Mount Alignment Type	Locating Posts
Mating Alignment Type	Keyed, Polarization
Mating Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	Without

Housing Features

Housing Material	Nylon
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Connector Length	12.3 mm[.484 in]

Connector Height	12.8 mm[.503 in]
Connector Width	14.9 mm[.58 in]

Usage Conditions

Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Power

Industry Standards

Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

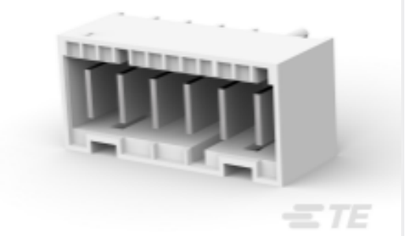
Packaging Method	Loose Piece

Product Compliance

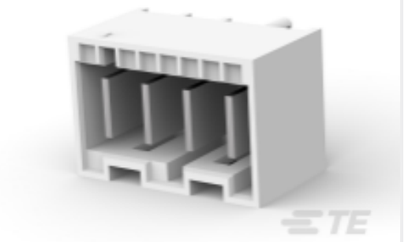
For compliance documentation, visit the product page on TE.com>

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

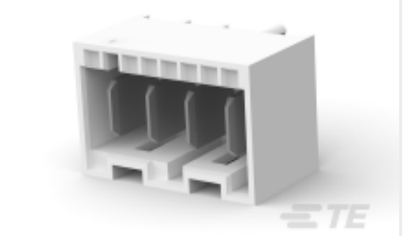
Compatible Parts



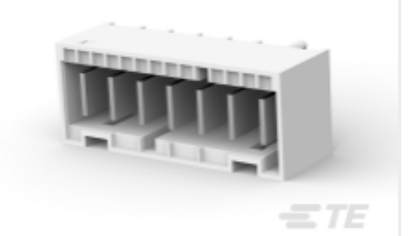
TE Part # 1-2232532-6
6P, PL RAST 5 Tab Header, TH,Vertical



TE Part # 1-2232532-4
4P, PL RAST 5 Tab Header, TH,Vertical

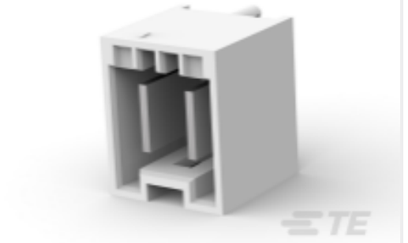


TE Part # 2232532-4
4P, PL RAST 5 Tab Header, TH,Vertical

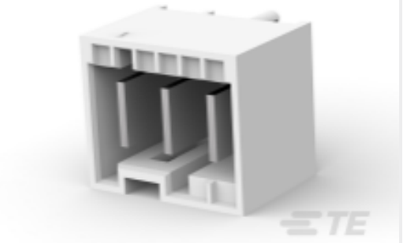


TE Part # 2232532-7
7P, PL RAST 5 Tab Header, TH,Vertical

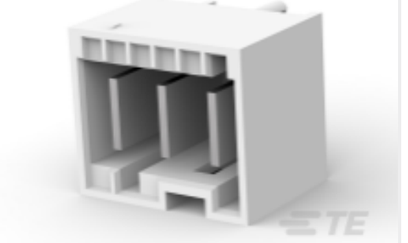
TE Part # 1-2232532-5
5P, PL RAST 5 Tab Header, TH,Vertical



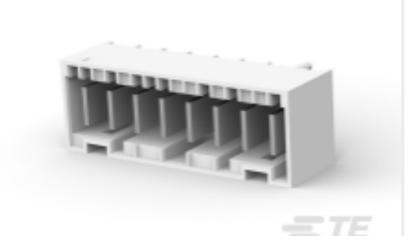
TE Part # 2232532-2
2P, PL RAST 5 Tab Header,TH, Vertical



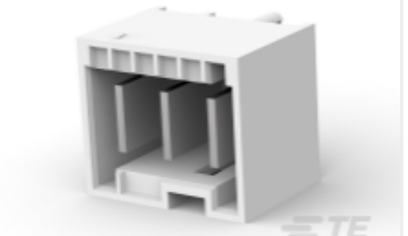
TE Part # 2232532-3
3P, PL RAST 5 Tab Header, TH, Vertical



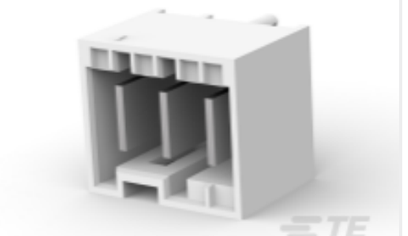
TE Part # 3-2232532-3
3P, PL RAST 5 Tab Header, TH,Vertical



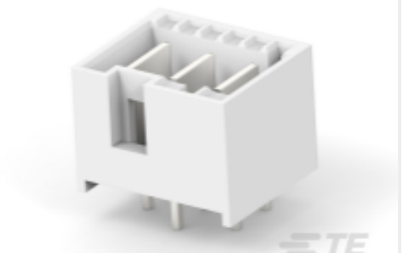
TE Part # 3-2232532-8
8P, PL RAST 5 Tab Header, TH,Vertical



TE Part # 4-2232532-3
3P, PL RAST 5 Tab Header, TH,Vertical



TE Part # 6-2232532-3
3P, PL RAST 5 Tab Header, TH,Vertical



TE Part # 7-2232532-3
3P, PL RAST 5 Tab Header, TH,Vertical

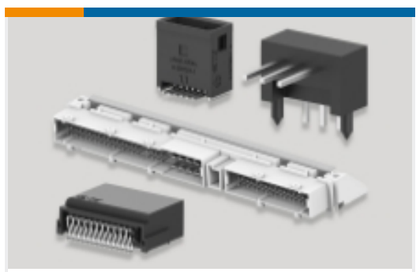
TE Part # 8-2232532-6
6P, PL RAST 5 Tab Header, TH,Vertical

Also in the Series | RAST 5D

Automotive Terminals(5)

Connector Contacts(10)

Insertion & Extraction Tools(1)



PCB Headers & Receptacles(69)

Wire-to-Board Connector Assemblies & Housings(78)

Customers Also Bought

TE Part #926984-1
STD TIMER CONTACT

Documents

Product Drawings

2P, PL RAST 5 Tab Header, TH, Vertical

English

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_3-2232532-2_B.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_3-2232532-2_B.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_3-2232532-2_B.3d_stp.zip

English

Datasheets & Catalog Pages

RAST Connector System Catalog

English

Product Specifications

Product Specification

English

Agency Approvals

UL Report

English