

6376609-1  ACTIVE

AMPMODU | Micro Stack

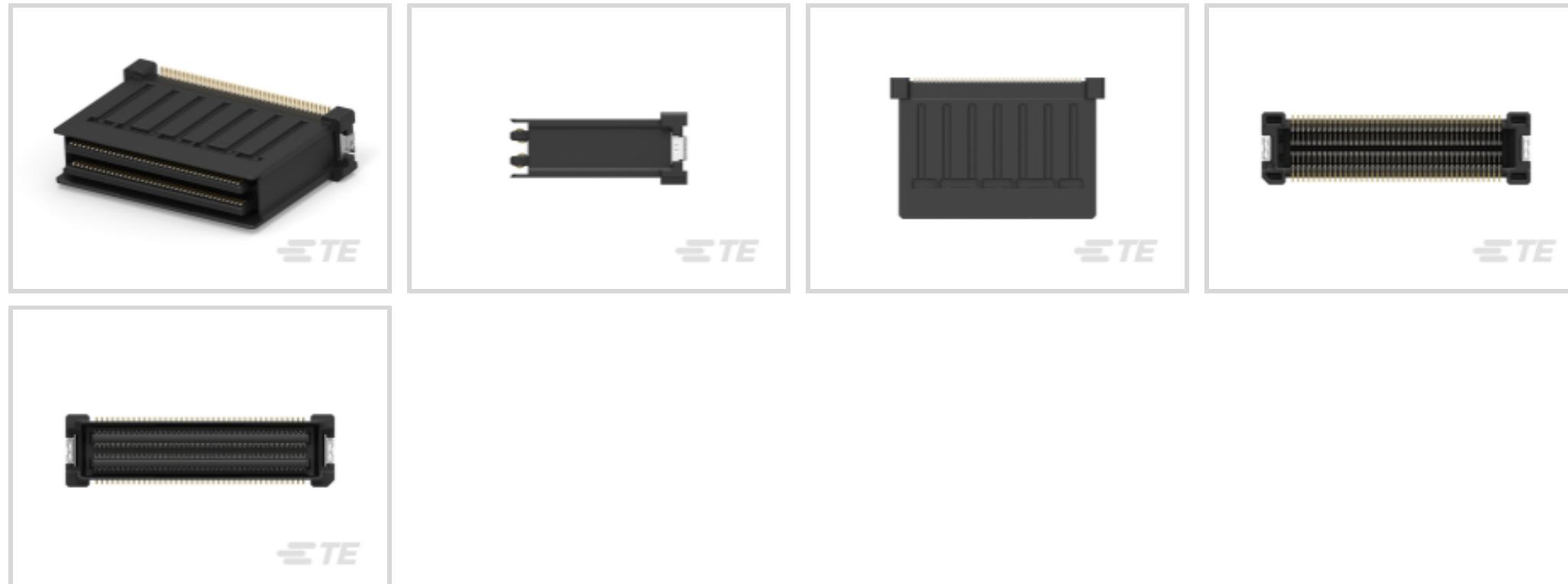
TE Internal #: 6376609-1

PCB Mount Header, Vertical, Board-to-Board, 80 Position, .6 mm [.023 in] Centerline, Partially Shrouded, Gold (Au), Surface Mount, Signal, Micro Stack

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: PCB Mount Header

Connector System: Board-to-Board

Number of Positions: 80

Centerline (Pitch): .6 mm [.023 in]

PCB Mount Orientation: Vertical

## Features

### Product Type Features

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

### Configuration Features

Stackable	Yes
Number of Positions	80
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

### Electrical Characteristics

Operating Voltage	10 VAC
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### Body Features

Primary Product Color

Black

**Contact Features**

PCB Contact Termination Area Plating Material Thickness

.3 µm[31.5 µin]

Contact Base Material

Copper Alloy

PCB Contact Termination Area Plating Material

Gold Flash

Contact Mating Area Plating Material Thickness

.3 µm

Contact Mating Area Plating Material

Gold (Au)

Contact Type

Pin

Contact Current Rating (Max)

.5 A

**Termination Features**

Rectangular Termination Post &amp; Tail Width

1 mm[.04 in]

Rectangular Termination Post &amp; Tail Thickness

.25 mm[.01 in]

Termination Method to PCB

Surface Mount

**Mechanical Attachment**

PCB Mount Retention Type

Solder Peg

PCB Mount Alignment Type

Solder Peg

Mating Alignment Type

Chamfered Edges

Connector Mounting Type

Board Mount

Mating Alignment

With

PCB Mount Alignment

With

PCB Mount Retention

With

**Housing Features**

Mating Entry Location

Top

Centerline (Pitch)

.6 mm[.023 in]

Housing Material

LCP

**Dimensions**

Connector Height

20 mm[.787 in]

Stack Height

30 mm

PCB Thickness (Recommended)

1.6 mm

**Usage Conditions**

Operating Temperature Range

-55 – 85 °C[-67 – 185 °F]

**Operation/Application**

## Circuit Application

## Signal

**Industry Standards**

UL Flammability Rating

UL 94V-0

**Packaging Features**

Packaging Quantity

45

Packaging Method

Tray

**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 2025  
(247)Candidate List Declared Against: JAN 2025  
(247)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per  
homogenous material. Also BFR/CFR/PVC  
Free

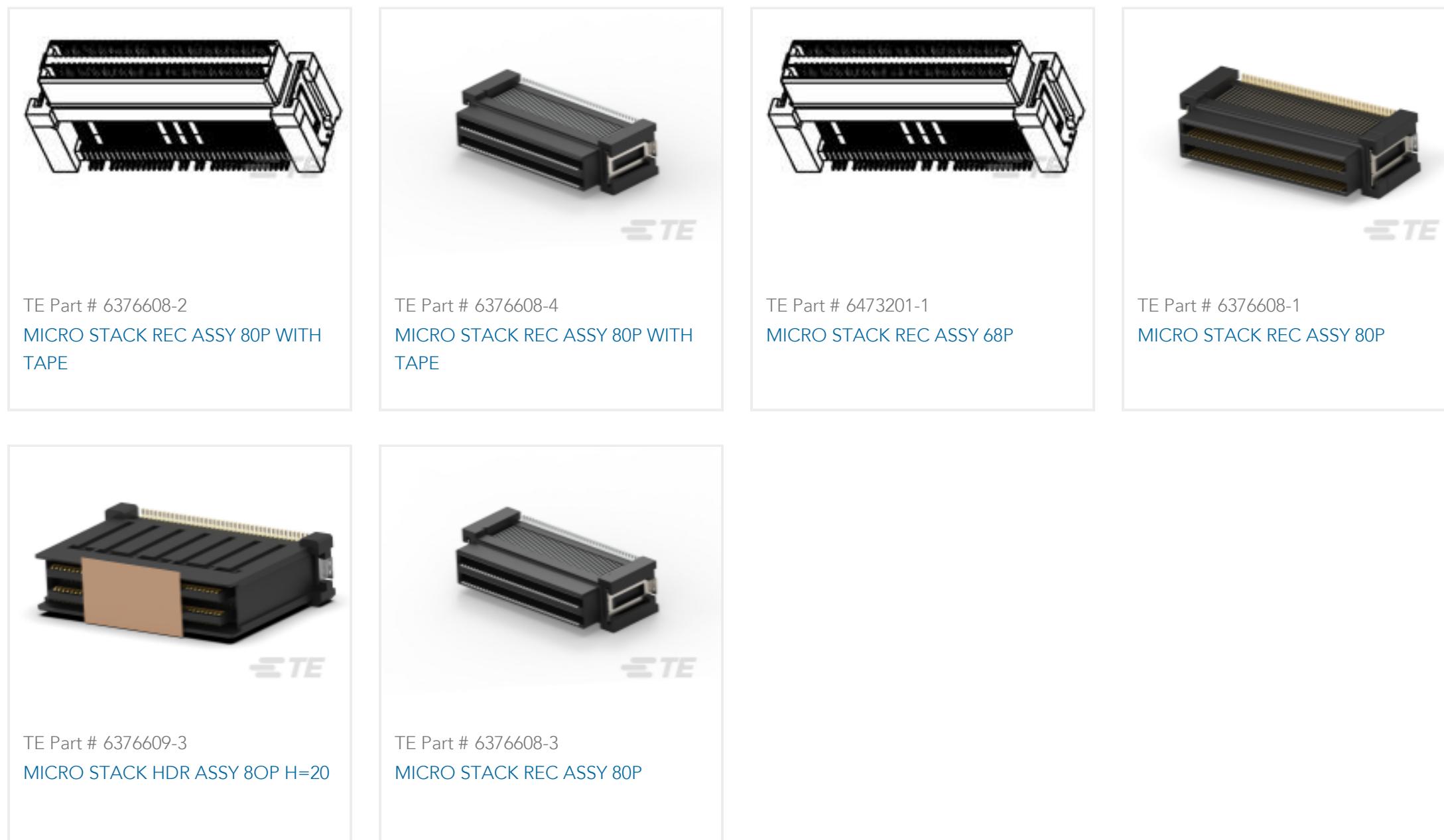
Solder Process Capability

Reflow solder capable to 260°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 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>

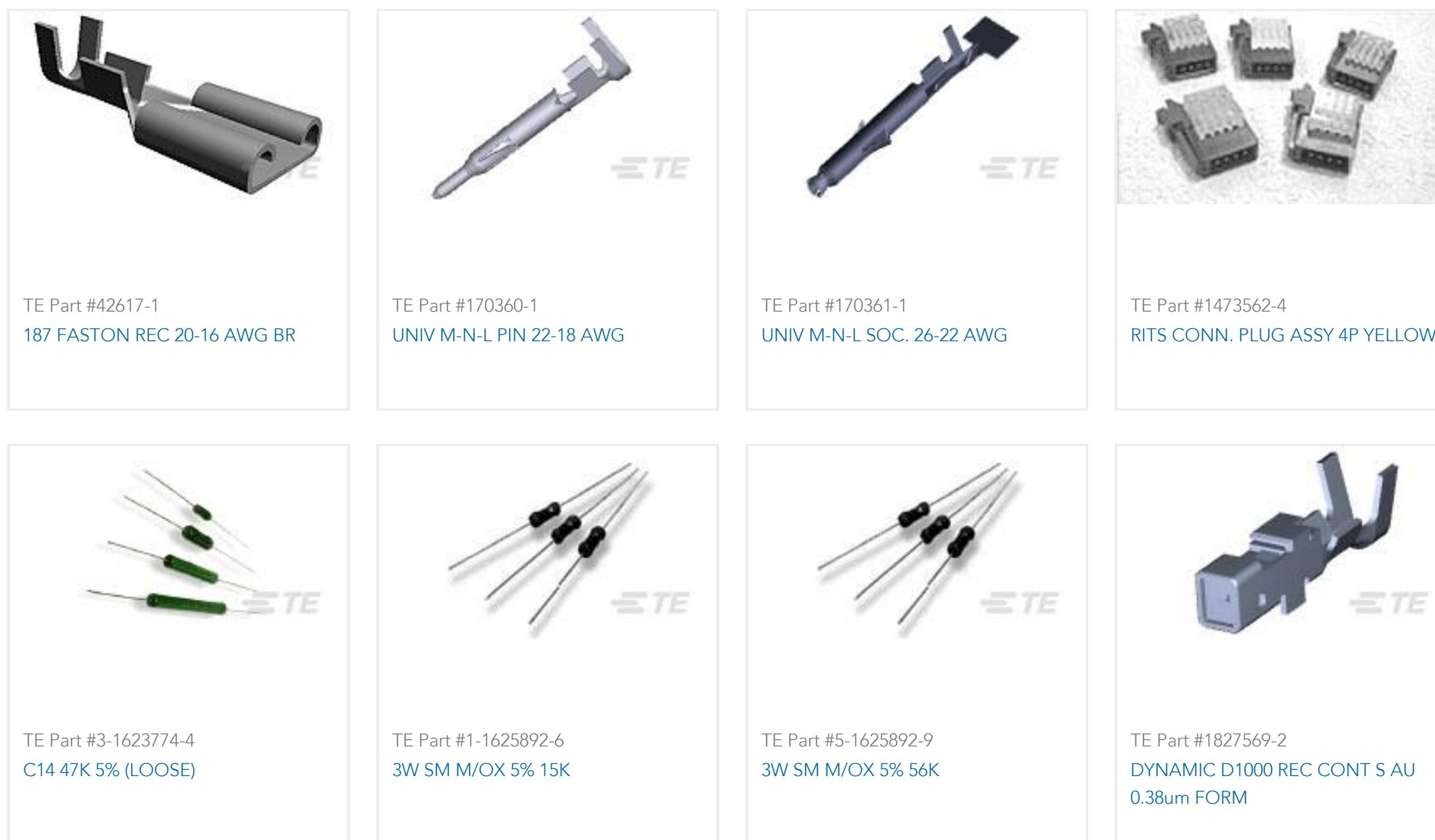
**Compatible Parts**



## Also in the Series | Micro Stack



## Customers Also Bought





## Documents

### Product Drawings

#### MICRO STACK HDR ASSY 8OP H=20

English

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### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_6376609-1\\_H.2d\\_dxf.zip](#)

English

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_6376609-1\\_H.3d\\_jgs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_6376609-1\\_H.3d\\_stp.zip](#)

English

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

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### Product Specifications

#### Product Specification

Japanese