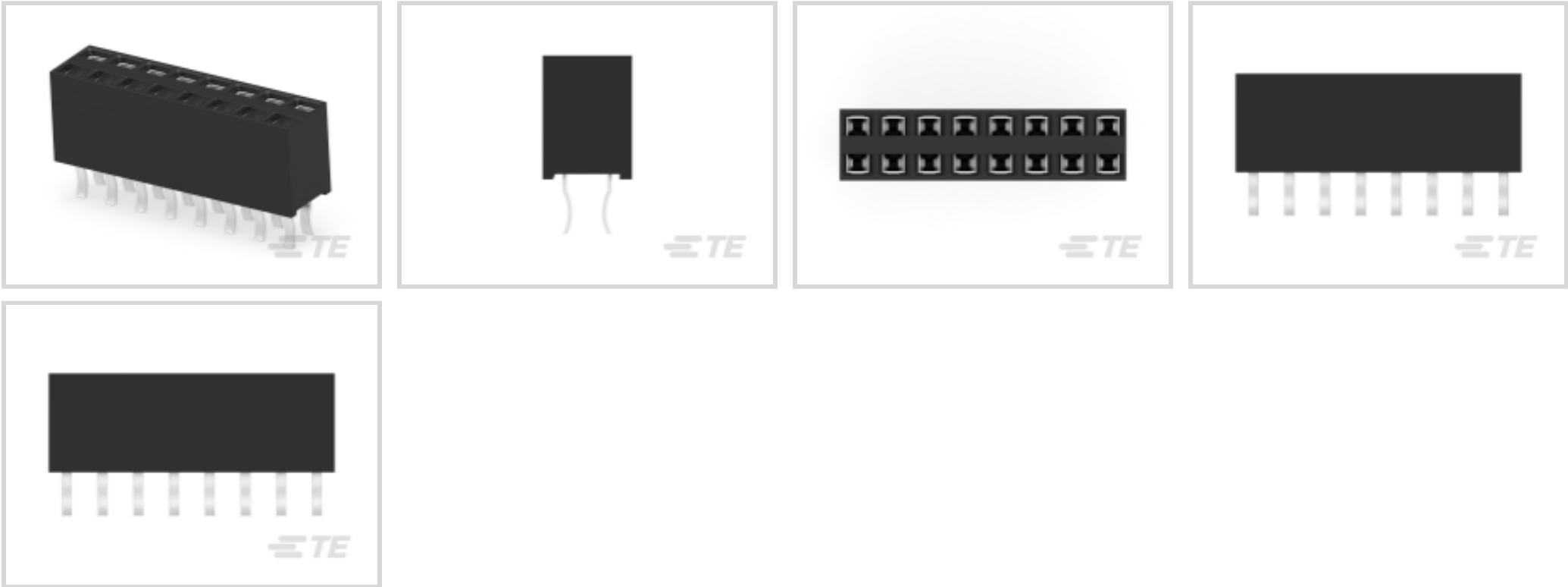




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **16**

Number of Rows: **2**

Features

Product Type Features

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

Configuration Features

Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	16
Number of Rows	2

Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features



Mating Pin Diameter	.63 mm[.024 in]
Mating Square Post Dimension	.63 mm[.024 in]
PCB Contact Termination Area Plating Material Thickness	2.4 – 4 μ m
Contact Shape & Form	Square
Contact Protection Type	Closed Entry Housing
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Receptacle
Contact Current Rating (Max)	3 A

Termination Features

Rectangular Termination Post & Tail Width	.69 mm[.027 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Termination Post & Tail Length	3.1 mm[.122 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Polarized
PCB Mount Retention Type	Retention Solder Tails
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Mating Entry Location	Top
Housing Material	PBT
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Row-to-Row Spacing	2.54 mm
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	7 mm[.276 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application



Solder Process Feature	Board Standoff
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	88
Packaging Method	Carton

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 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



TE Part # 5-103795-4
08 MODII HDR DRRRA B/A .100CL

TE Part # 826925-8
8P MOD2 STIFT LEI

TE Part # 826955-8
8P MOD2 STIFT LEI

TE Part # 5-147292-6
08 MODII HDR DR SFMT B/A T&R, Lead-Free

TE Part # 826953-8
8P MOD2 STIFT LEI

TE Part # 5-1571331-5
08 MODII HDR DRST SFMNT B/A LF T & Reel

TE Part # 5-103330-4
08 MODII HDR DRRRA B/A .100 CL LF

TE Part # 826942-8
8P MOD2 STIFT LEI

TE Part # 826957-8
8P MOD2 STIFT LEI

Also in the Series | AMPMODU HV-100/HV-190

Board-to-Board Headers & Receptacles(321)

PCB Headers & Receptacles(321)

Customers Also Bought

TE Part #454303-E
IDCTERM 1 IDC22 1,30 KA 105 707 0007 J

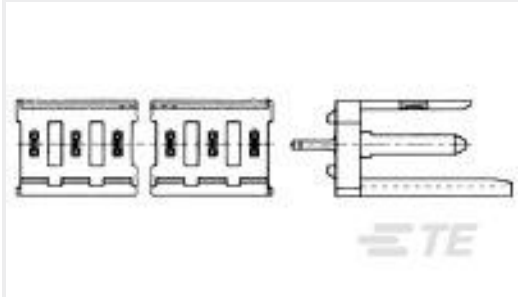
TE Part #1-1474644-6
FSN-21A-20

TE Part #CAT-BLPS0062
Ultra-low Pressure Digital Sensor

TE Part #1-84952-0
1MM FPC HORZ.BTTM CONT.ASS.10P



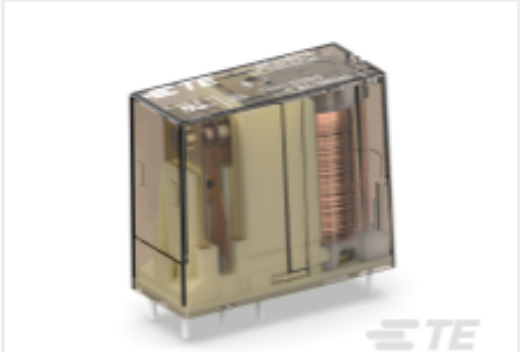
TE Part #5787444-1
[HDR ASY,VERT,NO KEY,STR TAIL](#)



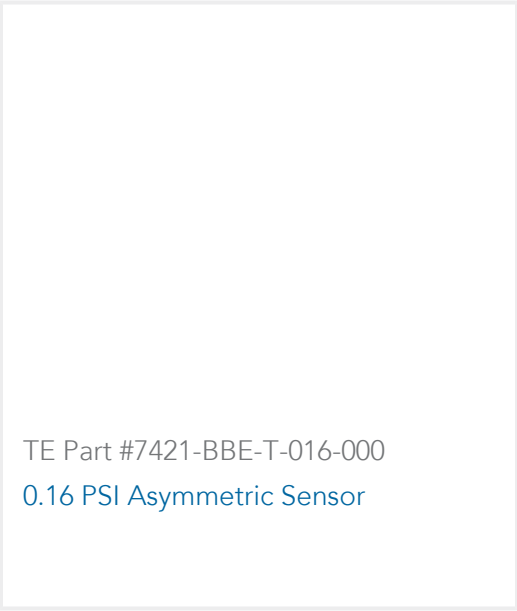
TE Part #280609-1
[2P MOD 1 SHROUDED HEADER, ST, TIN PLTD](#)



TE Part #4-2176231-2
[3522 510R 1% 3W](#)



TE Part #8-1415546-7
[RP314012](#)



TE Part #7421-BBE-T-016-000
[0.16 PSI Asymmetric Sensor](#)

Documents

Product Drawings

[2X 8P HV100 REC CON. TE, 7.0MM,TIN](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_215308-8_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_215308-8_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_215308-8_F.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1773393_ AMPMODU_EUROPEAN_STANDARD_PRODUCTS](#)

English

Product Specifications

[Product Specification](#)

English