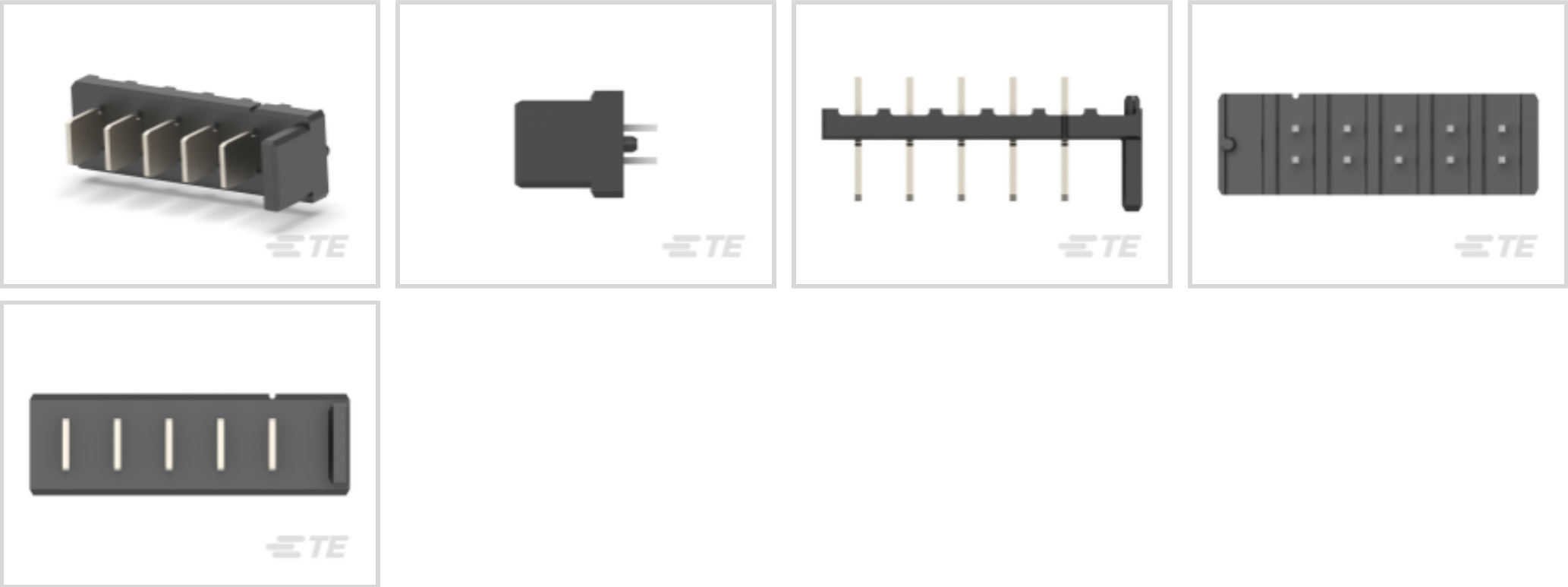




TE Internal #: 5787430-1
Board-to-Board, 5 Position, 5 mm [.197 in] Centerline, Plug, 50 VDC, Vertical, Printed Circuit Board, Power & Signal, Board Mount, DC Jack Connectors
[View on TE.com >](#)

Connectors > PCB Connectors > Battery Connectors & Holders > DC Jack Connectors



Connector System: **Board-to-Board**
Number of Positions: **5**
Centerline (Pitch): **5 mm [.197 in]**
Connector & Housing Type: **Plug**
Operating Voltage: **50 VDC**

Features

Product Type Features

Connector System	Board-to-Board
Connector & Housing Type	Plug
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	5
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	50 VDC
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Contact Features

PCB Contact Termination Area Plating Material	Tin
Contact Underplating Material	Nickel
Contact Current Rating (Max)	8.8 A

Mechanical Attachment

PCB Mount Retention	With
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PCB Mount Retention Type	Locating Post
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	5 mm[.197 in]
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Usage Conditions

Operating Temperature Range	-30 – 70 °C[-22 – 158 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Method	Tray
Packaging Quantity	120

Product Compliance

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

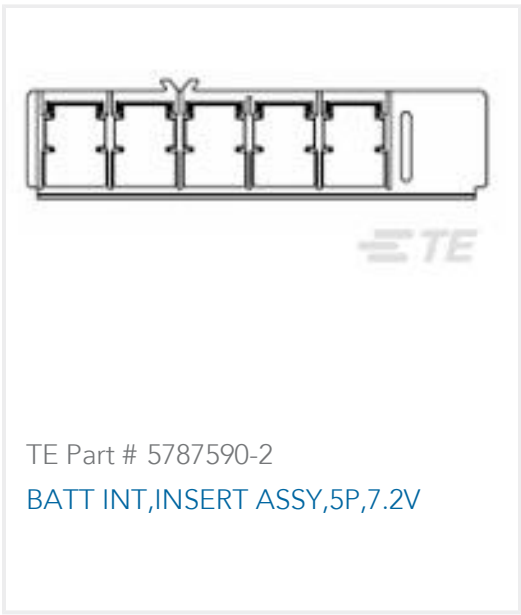
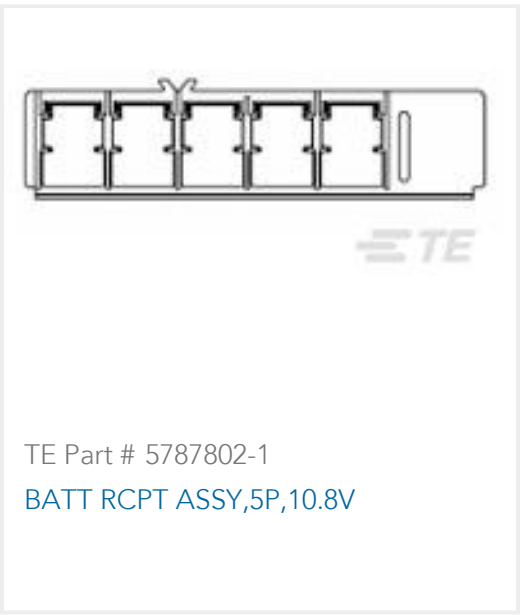
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 # 146845-1 BATT INT,KEYLESS,5P,7.2V	 TE Part # 5787590-2 BATT INT,INSERT ASSY,5P,7.2V	 TE Part # 5787802-1 BATT RCPT ASSY,5P,10.8V	 TE Part # 787615-1 BAT INT,INS ASY W/TAB,5P,12.0V
 TE Part # 5796078-1 HDR ASSY,RA,KEYLESS,5POS	 TE Part # 5787141-1 HDR ASY,RA,RKEY,RET TAIL,7.2V	 TE Part # 787328-1 BATT INT,INSERT ASSY,5P,7.2V	 TE Part # 787439-1 BATT INT,INSERT ASSY,5P,12.0V
 TE Part # 787614-1 BAT INT,INS ASY W/TAB,5P,10.8V	 TE Part # 5787446-1 HDR ASY,VERT,NO KEY,RET TAIL	 TE Part # 5787142-1 HDR ASY,RA,RKEY,STR TAIL,7.2V	 TE Part # 5787590-1 BATT INT,INSERT ASSY,5P,7.2V
 TE Part # 5787366-1 HDR ASY,RA,RKEY,STR TAIL,12.0V	 TE Part # 787613-1 BAT INT,INSR ASY W/TAB,5P,7.2V		

Customers Also Bought

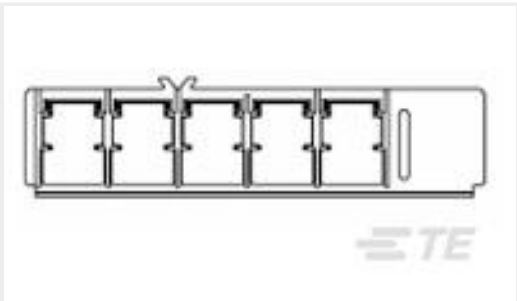
 TE Part #800729-SF FN2080B-3-06	 TE Part #1-206763-3 METRIMATE PIN HEADER ASSY,24P	 TE Part #1-207158-0 METRIMATE PIN HDR ASY,6P LF	 TE Part #350713-4 12P UMNL PIN HDR ASSY 94VO LF
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TE Part #487526-3
[004 HOUSING FFC RCPT 100CL SR](#)



TE Part #487940-4
[FFC,SLDR TAB CONTACT,.050" CNT](#)



TE Part #787439-1
[BATT INT,INSERT ASSY,5P,12.0V](#)



TE Part #2015698-3
[RF CA,UMCC GEN2-GEN2,0.81MM CABLE,L200MM](#)



TE Part #2176054-5
[RLP73M 2A R075 5% 5K RL](#)



TE Part #5745074-4
[HD-20 PLUG 37P VERT FFSCRLK](#)

Documents

Product Drawings

[HDR ASY,VERT,STR TAIL,12.0V](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5787430-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5787430-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5787430-1_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[POWER_CONNECTORS_CATALOG_SEC09_LAPTOPS_PORTABLES](#)

English

[1-1773718-4_POWER_CONNECTORS_QRG_CN](#)

[1-1773718-5_POWER_CONNECTORS_QRG_TCN](#)

[1-1773718-6_POWER_CONNECTORS_QRG_JA](#)

Japanese

Product Specifications



Application Specification

English