

HDR ASY,VERT,NO KEY,RET TAIL ✓ ACTIVE

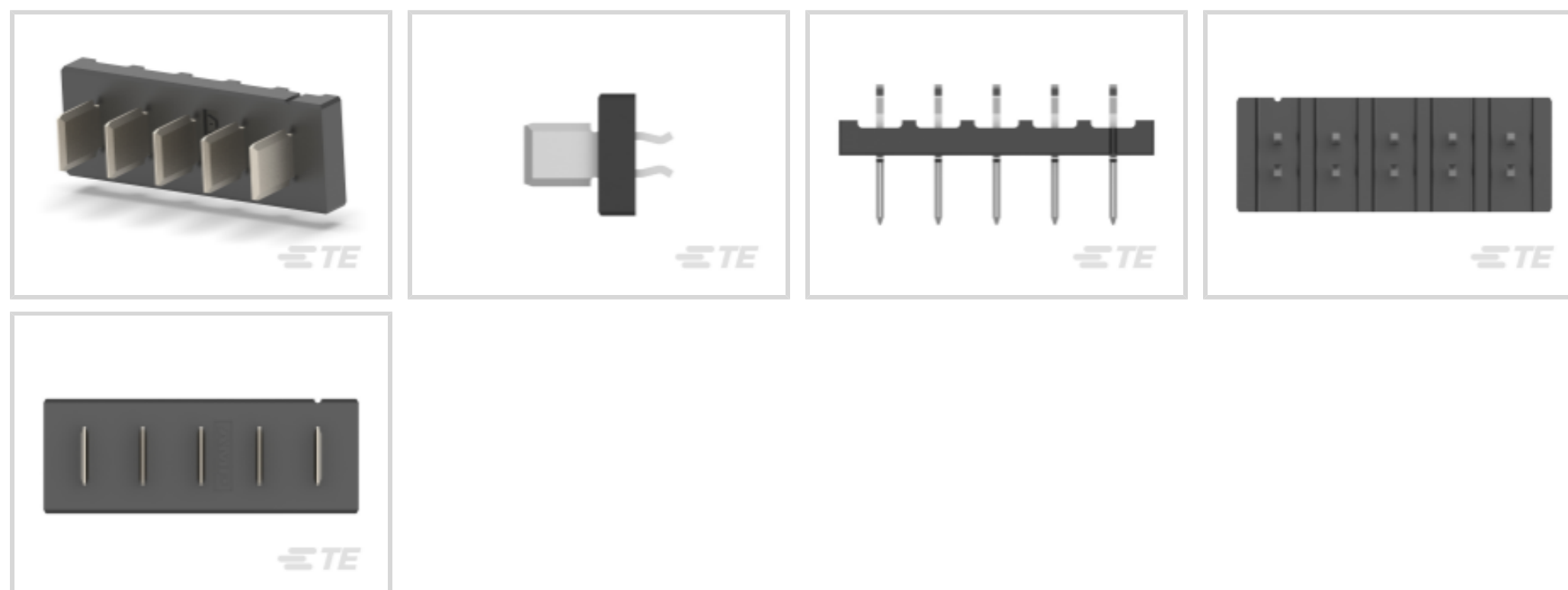
TE Part # 5787446-1

TE Internal #: 5787446-1

[View on TE.com >](#)



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



Connector Type: **Connector Assembly**

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

Number of Positions: **5**

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

Connector Style: **Plug**

Features

Product Type Features

Connector Type	Connector Assembly
Connector System	Board-to-Board
Connector Style	Plug
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	5
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Electrical Characteristics

Voltage	50 VDC
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Contact Features

Contact Mating Area Plating Thickness	2.54 μm [100 μin]
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	8.8 A

Mechanical Attachment



PCB Mount Retention	Without
Mounting Angle	Vertical
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 Quantity	121
Packaging Method	Tray

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 2018 (181)
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 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.

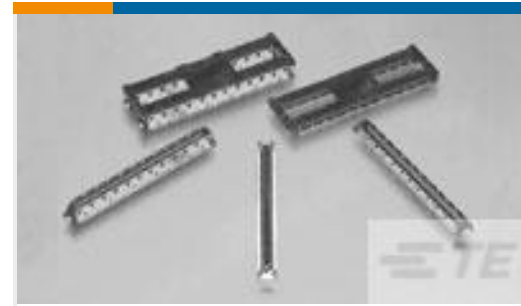
Customers Also Bought



TE Part #3-1827233-6
.5FHP05H,440,B,GIG,08/Sn,
HT,NS



TE Part #3-1879216-5
CPF0402 200K 0.1%
25PPM 1K RL



TE Part #3-6318491-6
.5FHP08H,220,S,GIG,08/Sn,
HT,NSYes



TE Part #3-5353652-6
.5FHP08H,440,B,GIG,08/Sn,
HT,NSYes



TE Part #5-146280-2
02 MODII HDR SRST B/A .
100CL



TE Part #5557969-1
MJ,TE,8P/8C,SHLD,PNL
STOPS&G



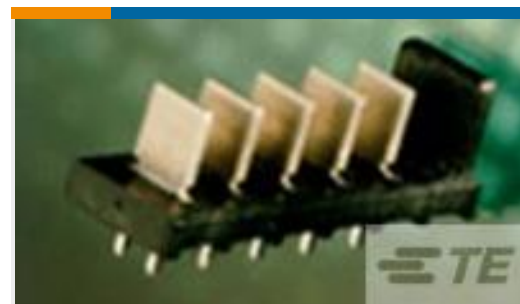
TE Part #5787422-1
HDR ASY,RA,RKEY,STR
TAIL,12.0V



TE Part #5787441-1
HDR ASY,RA,NO KEY,STR
TAIL



TE Part #5-146280-3
03 MODII HDR SRST B/A .
100CL



TE Part #5787444-1
HDR ASY,VERT,NO KEY,
STR TAIL

Documents

Product Drawings

[HDR ASY,VERT,NO KEY,RET TAIL](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5787446-1_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5787446-1_A.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_CVM_5787446-1_A.3d_stp.zip](#)

English

Datasheets & Catalog Pages

[POWER_CONNECTORS_CATALOG_SEC09_LAPTOPS_PORTABLES](#)

English

[2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1](#)

English

Product Environmental Compliance

[MD_5787446-1_08092017642_dmtec](#)

English

[MD_5787446-1_08092017642_dmtec](#)

English