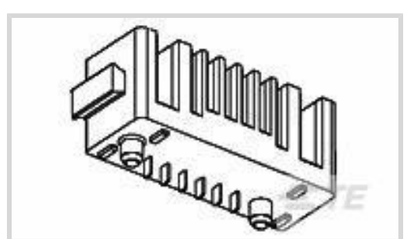
5787253-1 ✔ ACTIVE

TE Internal #: 5787253-1

DC Jack Connectors, Cable-to-Board, 6 Position, 2 mm [.08 in] Centerline, Receptacle, Printed Circuit Board, Signal, Board Mount

View on TE.com >

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



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

Number of Positions: **6**

Centerline (Pitch): **2 mm [.08 in]**

Connector & Housing Type: **Receptacle**

PCB Mount Retention: **Without**

Features

Product Type Features

Connector System	Cable-to-Board
Connector & Housing Type	Receptacle
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	6

Contact Features

Contact Mating Area Plating Material Thickness	.076 µm
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	7 A

Termination Features

Termination Post & Tail Length	7 mm

Mechanical Attachment

PCB Mount Retention	Without
PCB Mount Retention Type	Hold-Down Post
Connector Mounting Type	Board Mount

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Housing Color	Black
Centerline (Pitch)	2 mm[.08 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	20
Packaging Method	Tube

Product Compliance

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

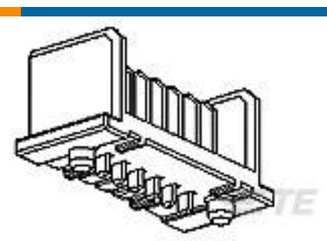
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 240°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 # 5787531-1
MDI HEADER ASSEMBLY,6P

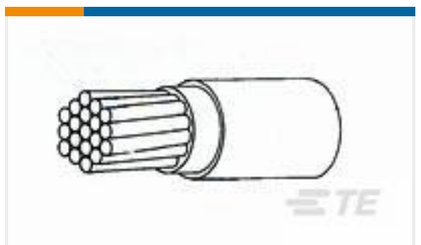
Customers Also Bought

TE Part #2-1623927-3
CFR16 5% 1K0

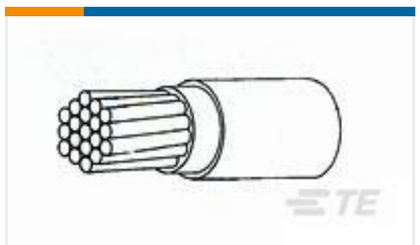
TE Part #1-1879417-3
CPF 0603 560K 0.1% 25PPM 1K RL

TE Part #YDTS24W17-08PNV001
RECP ASSY

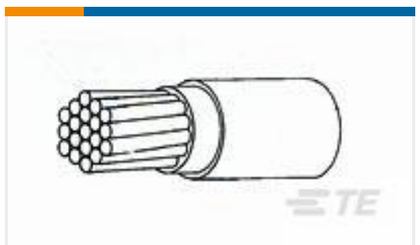
TE Part #YDTS26W15-05SBV001
PLUG ASSY



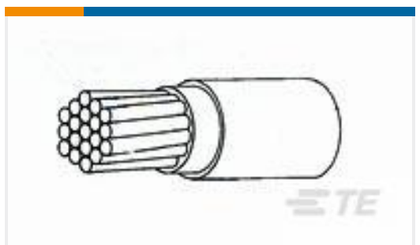
TE Part #2800223005
44/7031-18-6



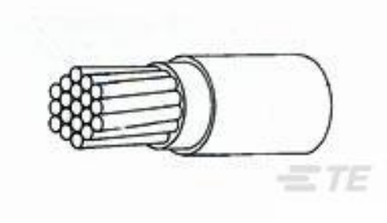
TE Part #2800313002
44/7031-20-2



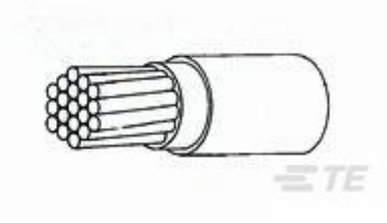
TE Part #2813813003
44/7031-20-0



TE Part #2818583002
44/7031-24-3



TE Part #2818553002
44/7031-18-0



TE Part #2816983004
44/7031-24-6

Documents

Product Drawings

MDI REC ASS'Y ,6P

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5787253-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_5787253-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_5787253-1_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 Specifications

Product Specification

English