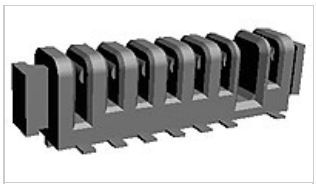
English

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1827852-1 Product Details

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Battery Interconnection System

2.5MM PITCH BATTERY REC. ASSY. 7P, Pack

1827852-1

TE Internal Number: 1827852-1

Product Highlights View All

- Connector
- Housing
- Connector Style = Receptacle
- Contact Type = Socket
- Type of Connector = Battery Interconnect

Pricing & Availability

Request Sample

Add to My Part List

Buy Product through Distributor

Product Drawings

2.5mm Pitch BATTERY CONNECTOR RECEPTACLE ASSEMBLY (7P) (PDF, Japanese) .tif available

CAD Files

Click for CAD Format Information

2D Drawing (DXF, Version A, ZIP)

3D Model (IGES, Version A, ZIP)

3D Model (STEP, Version A, ZIP)

Catalog Pages/Data Sheets

2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1 (PDF, English)

Product Specifications

Product Specification

2.5mm Pitch Battery Connector (PDF, Japanese)

Packaging Specification

2.5MM SLIM BATTERY 7P (PDF, English)

Please Note:
Use the Product Drawing for all design activity

Product Type Features

Product Type Help information about Product Type	Connector
Connector Type	Housing
Type of Connector	Battery Interconnect
Mount Angle Help information about Mount Angle	Vertical
PCB Mount Retention Help information about PCB Mount Retention	With
Mounting Holes Help information about Mounting Holes	Without
PCB Mount Retention Type	Hold Down Post(s)
PCB Mount Style	Surface Mount

Mechanical Attachment

Housing Features

Connector Style	Receptacle
Centerline (mm [in]) Help information about Centerline (mm [in])	2.50 [0.098]
Housing Material Help information about Housing Material	Nylon 6T
Housing Color	Black

Configuration Features

Number of Positions Help information about Number of Positions	7

Industry Standards

RoHS/ELV Compliance Help information about RoHS/ELV Compliance	RoHS compliant, ELV compliant

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Mount	Printed Circuit Board
Electrical Characteristics	
Voltage Rating (VDC)	30
Body Features	
Voltage Key Help information about Voltage Key	Right Hand
Contact Features	
Contact Type	Socket
Solder Tail Contact Plating	Tin over Nickel
Contact Base Material	Copper Alloy
Contact Plating, Mating Area, Material	Gold (0.3 µm)
Product Compliance	
Lead Free Solder Processes Help information about Lead Free Solder Processes	Reflow solder capable to 245°C
RoHS/ELV Compliance History	Always was RoHS compliant
UL Flammability Rating	UL 94V-0
Other	
Brand	AMP

EU RoHS/ELV Compliance	Always EU RoHS/ELV Compliant These products comply with the substance restrictions of the Restriction on Hazardous Substances Directive 2011/65/EU (RoHS2). These products also comply with the End of Life Vehicles Directive 2000/53/EC (ELV). The RoHS2 Directive requires certain electrical and electronic products be free (except for trace impurities) of mercury, cadmium, hexavalent chromium, PBB, PBDE and lead. Certain exemptions are allowed such as lead used as an alloying additive in copper, steel and aluminum. Finished electrical and electronic products will be CE marked as required by Directive 2011/65/EU (RoHS2). Components may not be CE marked.

Statement of Compliance

View All Product Compliance

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