

2103212-9 Product Details

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Manual Service Disconnect (MSD)

Plug Assembly, 250A, MSD

2103212-9

TE Internal Number: 2103212-9

Active

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Product Highlights [View All](#)

- AMP+ MSD Product Line
- HV battery pack or remote location, Energy Storage Systems (ESS)
- Connector
- Connector Assembly
- Connector Style = Plug

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Please Note:
Use the Product Drawing for all design activity

Product Type Features	
Product Line	AMP+ MSD
Product Type	Connector
Connector Type	Connector Assembly
Integrated Fuse	With
Sealed	Yes

Mechanical Attachment	
Mating Retention Type	Lever

Electrical Characteristics	
Fuse Size (A)	250
Voltage Rating (Max.) (VDC)	450

Termination Features	
Seal Type	Peripheral

Dimensions	
Length (X-Axis) (mm [in])	111.20 [4.377]
Width (Z-Axis) (mm [in])	109.90 [4.326]
Profile Height (Y-Axis) (mm [in])	58.90 [2.318]

Body Features	
Mating Retention	With
Lever Color	Black

Contact Features	
Shunts/Shorting Bars	Shorting Bar(s)

Housing Features	
Connector Style	Plug
High Voltage Interlock	With
Mating Alignment	With
Mating Alignment Type	Polarization Slot
Housing Color	Orange/Black

Industry Standards	
RoHS/ELV Compliance	RoHS compliant, ELV compliant
Lead Free Solder Processes	Not relevant for lead free process
RoHS/ELV Compliance History	Always was RoHS compliant
Degree of Protection	IP2xB Unmated, IPx7, IP6k9k Mated
Agency/Standard	IEC 60529, SAE/USCAR-37, SAE/USCAR-2

Environmental	
Operating Temperature (°C [°F])	-40 - +65 [-40 - +149]

Operation/Application	
Application Use	HV battery pack or remote location, Energy Storage Systems (ESS)
Application	High Voltage Accessory (HVA) / Device Interconnect
Industry Application	Automotive High Voltage

Packaging Features	
Packaging Method	Box/Carton
Packaging Quantity	9

Other	
Industry	Automotive
Brand	TE Connectivity
Comment	Internal components of MSD are not servicable.; HVIL: 2x integrated, internal.; Current rating based on fuse selection.

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