



177900-2 Product Details



177900-2

Power Double-Lock Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Wire-to-Board, Wire-to-Wire
- Applies To Wire/Cable
- Connector
- Housing
- Connector Style = Plug

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TE Internal Number: 177900-2

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Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none"> • Product Type = Connector • Connector Type = Housing • Lock Type = Type I • Wire/Cable Type = Discrete Wire • Sealed = No <p>Mechanical Attachment:</p> <ul style="list-style-type: none"> • Mating Retention Type = Latching <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Operating Voltage Reference = AC • Operating Voltage (VAC) = 300 <p>Termination Features:</p> <ul style="list-style-type: none"> • Termination Method to Wire/Cable = Crimp <p>Body Features:</p> <ul style="list-style-type: none"> • Wire Type = Stranded • Mating Retention = With <p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Type = Socket • Contact Layout = Matrix <p>Housing Features:</p> <ul style="list-style-type: none"> • Connector Style = Plug • Centerline, Matrix (mm [in]) = 3.96 x 4.6 [.156 x .181] • Housing Material = Nylon 6/6 • Housing Color = Red • Mating Alignment = With • Mating Alignment Type = Polarization 	<p>Configuration Features:</p> <ul style="list-style-type: none"> • Number of Positions = 4 • Number of Rows = 2 • Number of Double-Lock Plates Required = 2 <p>Industry Standards:</p> <ul style="list-style-type: none"> • 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 • UL Flammability Rating = UL 94V-0 <p>Environmental:</p> <ul style="list-style-type: none"> • Operating Temperature (°C [°F]) = -30 - +105 [-22 - +221] <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • Applies To = Wire/Cable • Glow Wire Rating = Standard Part - Not Glow Wire • For Use With = Tab Header: 179840, Cap: 177908 or 179465, Contacts: 177914 or 177915, Double Lock Plate 177918-1 <p>Operation/Application:</p> <ul style="list-style-type: none"> • Application Use = Wire-to-Board, Wire-to-Wire • Contact Transmits (Typical Application) = Signal (Data)/Power <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Bag • Packaging Quantity = 300 <p>Other:</p> <ul style="list-style-type: none"> • Brand = AMP

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