



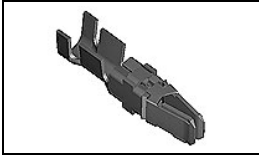
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66740-6 Product Details

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66740-6

TE Internal Number: 66740-6
✔ Active

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Multimate

✔ Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Contact Type = Socket
- Contact Classification = Power
- Type XII Series
- Gold (30) Contact Plating, Mating Area, Material
- Wire Range = 1.25-1.40² [16] mm [AWG], 2.00-3.00² [14-12] mm [AWG]

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • FEMALE TYPE XII CONTACT ASSEMBLY, WITH ASSIST SPRING (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • Power Contacts (PDF, English) • M_SERIES_PIN_AND_SOCKET_CONNECTORS (PDF, English) • AMP Circular Connectors for Commercial Signal & Powe... (PDF, English) <p>Product Specifications:</p> <ul style="list-style-type: none"> • Type XII Contact (PDF, English) <p>Application Specifications:</p> <ul style="list-style-type: none"> • Type XII Contacts (PDF, English) <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • None Available <p>CAD Files: (CAD Format & Compression Information)</p> <ul style="list-style-type: none"> • 2D Drawing (DXF, Version V) • 3D Model (IGES, Version V) • 3D Model (STEP, Version V) 	<p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling

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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"> • Series = Type XII • Insulation Support = Yes • Termination Method to Wire/Cable = Crimp • Wire/Cable Type = Discrete Wire • Grade = Commercial <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • High Current = No <p>Termination Features:</p> <ul style="list-style-type: none"> • Termination End Plating = Gold (30) <p>Body Features:</p> <ul style="list-style-type: none"> • Wire Range (mm [AWG]) = 1.25-1.40² [16], 2.00-3.00² [14-12] • Used With = CPC Connectors, M Series Connectors, G Series Connectors <p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Type = Socket • Contact Classification = Power • Contact Plating, Mating Area, Material = Gold (30) • Contact Base Material = Copper • Contact Size = Power Contact 	<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 <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • Accepts Wire Insulation Diameter, Range (mm [in]) = 3.43 - 4.06 [0.135 - 0.160] • Applies To = Wire/Cable • Test Current (A) = 35.0 <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Loose Piece <p>Other:</p> <ul style="list-style-type: none"> • Brand = AMP



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