

66105-4

TE Internal Number: 66105-4

Active

Multimate

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Socket
- Gold (30) over Nickel (30) Contact Mating Area Plating Material
- Wire Range = 0.20-0.60² [24-20] mm [AWG]
- Insulation Diameter = 1.02 2.03 mm
- Brass Contact Base Material

View all Features

Documentation & Additional Information		
Product Drawings: • SOCKET ASSEMBLY, LOOSE PIECE, TYPE III+ (PDF, English)	Additional Information:	
Catalog Pages/Data Sheets: • HIGH CURRENT PRODUCTS (PDF, English) • PRECISION PIN AND SOCKET CONTACTS (PDF, English) • Signal Contacts (PDF, English) • M_SERIES_PIN_AND_SOCKET_CONNECTORS (PDF, English) • CIRCULAR CONNECTORS FOR COMMERCIAL SIGNAL AND POWER (PDF, English) • AMP Circular Connectors for Commercial Signal & Powe (PDF,	Related Products: • <u>Tooling</u>	
English) Product Specifications:		
 Instruction Sheets: Selection Charts for Multimate Pin and Socket Contacts (PDF, English) Application and Maintenance for Crimping Head Assembly (PDF, English) 		
 CAD Files: (CAD Format & Compression Information) <u>2D Drawing</u> (DXF, Version H) <u>3D Model</u> (IGES, Version H) <u>3D Model</u> (STEP, Version H) 		
List all Documents		

Product Features (Please use the Product Drawing for all design activity)		
 Product Type Features: Pin/Socket = Socket Insulation Diameter (mm [in]) = 1.02 – 2.03 [0.040 – 0.080] Product Type = Type III+ Insulation Support = Yes Wire Termination Type = Crimp Wire/Cable Type = Discrete Wire Grade = Commercial Comment = Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [.125].; PRO-CRIMPER II # 58495-1 Hand Tool for field repair use only.; Insertion Tool No. 91002-1 (for Insulation Dia. 1.78 [.070] or less), No. 200893-2 (for Insulation Dia090 [2.29] max.) Extraction Tool No. 305183. Electrical Characteristics: High Current = No Termination End Plating = Gold Flash Pin Diameter (mm [in]) = 1.57 [0.062] Body Related Features: Wire Range (mm [AWG]) = 0.20-0.60² [24-20] Spring Material = Stainless Steel Used With = G Series Connectors, CPC Connectors, M Series Connectors 	Contact Related Features: • <u>Contact Mating Area Plating Material</u> = Gold (30) over Nickel (30) • <u>Contact Base Material</u> = Brass • <u>Contact Size</u> = 16 • <u>Contact Type</u> = Signal Industry Standards: • <u>RoHS/ELV Compliance</u> = RoHS compliant, ELV compliant • <u>Lead Free Solder Processes</u> = Not relevant for lead free process • RoHS/ELV Compliance History = Always was RoHS compliant Conditions for Usage: • <u>Terminate To</u> = Wire • Test Current (Amps.) = 13.0 Packaging Related Features: • Packaging Method = Loose Piece Other: • Brand = AMP	