

Home > Products > Power Products (>10 Amps/Contact) > Product Feature Selector > Product Details

1586869-1 Product Details

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1586869-1

TE Internal Number: 1586869-1

Active

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.250" Centerline, 600 V, 19 - 36 A max

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Universal MATE-N-LOK Product Line
- Wire-to-Board
- Applies To Printed Circuit Board
- Connector
- Header

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Documentation & Additional Information	
Product Drawings: • None Available Catalog Pages/Data Sheets: • None Available Product Specifications: • None Available Application Specifications: • None Available Instruction Sheets: • None Available CAD Files: (CAD Format & Compression Information) • 2D Drawing (DXF, Version A) • 3D Model (IGES, Version A) • 3D Model (STEP, Version A)	Additional Information: • Product Line Information Related Products: • Tooling
List all Documents	

Product Features (Please use the Product Drawing for all design activity)	
Product Type Features: • Product Line = Universal MATE-N-LOK • Product Type = Connector • Connector Type = Header • PCB Mounting Orientation = Vertical • PCB Mount Retention = Without • PCB Mount Alignment = With • Sealed = No • PCB Mount Alignment Type = Standard Polarized Tail Mechanical Attachment: • Contact Retention = Without • Mating Retention Type = Locking Tab Electrical Characteristics: • Contact - Rated Current (A) = 12 • Operating Voltage Reference = AC • Operating Voltage (VAC) = 600 Termination Features: • Termination Method to Wire/Cable = Solder • Termination Method to PC Board = Through Hole - Solder Dimensions: • Tail Length (mm [in]) = 3.94 - 4.69 [0.155 - 0.185] • PCB Thickness, Recommended (mm [in]) = 1.57 [0.062] Body Features: • Mating Retention = With • Assembly Integration Feature = Without Contact Features: • Contact Type = Socket • Contact Style = Straight • Contact Layout = In-Line • Contact Base Material = Phosphor Bronze • Contact Plating, Mating Area, Material = Pre-Tin • Tail Plating Material = Pre-Tin • Multiple Contact Types = Without	Housing Features: • Connector Style = Receptacle • Centerline (mm [in]) = 6.35 [0.2499] • Housing Material = Nylon - GF • Housing Color = Natural • Mating Alignment = With • Mating Alignment Type = Polarization Configuration Features: • Number of Positions = 3 • Number of Rows = 1 Industry Standards: • Agency/Standard = UL • UL Flammability Rating = UL 94V-2 • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C • RoHS/ELV Compliance History = Always was RoHS compliant • VDE Tested = Yes • UL Rating = Recognized • UL File Number = E28476 Environmental: • Operating Temperature (°C [°F]) = -55 - +105 [-67 - +221] Conditions for Usage: • Applies To = Printed Circuit Board • Glow Wire Rating = Glow Wire • For Use With = Universal MATE-N-LOK Operation/Application: • Application Use = Wire-to-Board Packaging Features: • Packaging Method = Bag • Packaging Quantity = 100 Other: • Brand = AMP

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