TE connectivity

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Have a Question?
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Information Specialist

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1-1437046-5 Product Details

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1-1437046-5
(609-5027)
TE Internal Number: 1-1437046-5

STOP Superseded
Search for Replacement Parts

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AMP-LATCH Pin and Pinless Headers

🌿 5 of 6 EU RoHS/ELV Compliant (Find RoHS Compliant Alternates/Statement of Compliance)

Product Highlights:
- Preloaded
- Connector Style = Header - Pin
- Header Type = Pin Header
- AMP-LATCH Product Line
- Low Profile

View all Features

Quick Links
- ▶ Check Pricing & Availability
- ▶ Search for Tooling
- ▶ Product Feature Selector
- ▶ Contact Us About This Product

Add to My Part List   Request Sample   Find Similar Products   Buy Product

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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 B)
- 3D Model (IGES, Version B)
- 3D Model (STEP, Version B)

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 = AMP-LATCH
- Profile = Low
- PCB Mounting Orientation = Vertical
- PCB Mount Retention = Without
- Mating Connector Lock = Without
- Housing Style = 4-Sided
- Ejection Latches = Without
- Post Size (mm [in]) = 0.64 [.025]
- Shrouded = Yes
- [Shrouded] End Dimension (mm [in]) = 3.81 [0.150]

Termination Features:
- Termination Post Length (mm [in]) = 2.60 [0.102]
- Solder Tail Contact Plating = Tin-Lead over Nickel

Body Features:
- Header Type = Pin Header
- Number of Positions = 50
- Centerline, Matrix (mm [in]) = 2.54 x 2.54 [.100 x .100]
- Daisy Chain = With

Contact Features:
- Preloaded = Yes
- Contact Plating, Mating Area, Material = Gold (30)
- Contact Shape = Square
- Contact Base Material = Phosphor Bronze

Housing Features:
- Connector Style = Header - Pin
- Mating Alignment Type = Center, Dual Polarizing Bar
- Mating Alignment = With
- Housing Material = Thermoplastic - GF
- UL Flammability Rating = UL 94V-0
- Housing Color = Blue

Industry Standards:
- RoHS/ELV Compliance = ELV compliant, 5 of 6 Compliant
- Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C

Conditions for Usage:
- Temperature Rating = Standard

Other:
- Brand = AMP

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