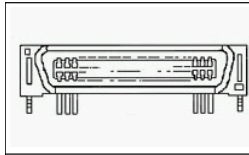


5176381 -1 Product Details

Live Product Chat US Only
8:30am - 5pm ET, Mon - Fri



5176381 -1

[Active](#)

1.27 [.050] Series I, HD, FH and J Connectors

[Always EU RoHS/ELV Compliant](#) ([Statement of Compliance](#))

Product Highlights:

- ? Connector
- ? Plug
- ? Number of Positions = 40
- ? 1.27 mm Centerline
- ? PCB Mount Style = Thru Hole

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> ? AMP FH CONNECTOR PLUG WITH RETENTION -LEG (HORIZONTAL) (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> ? None Available <p>Product Specifications:</p> <ul style="list-style-type: none"> ? AMP CONNECTOR ,FH CONNECTOR LEAD FREE PRODUCT SPEC (PDF, English) <p>Application Specifications:</p> <ul style="list-style-type: none"> ? None Available <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 A) ? 3D Model (IGES, Version A) ? 3D Model (STEP, Version A) 	<p>Additional Information:</p> <ul style="list-style-type: none"> ? Product Line Information <p>Additional Product Images:</p> <ul style="list-style-type: none"> ? Mating Configurations <p>Related Products:</p> <ul style="list-style-type: none"> ? Tooling

[List all Documents](#)

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 ? Gender = Plug ? Number of Positions = 40 ? PCB Mount Style = Thru Hole ? PCB Retention Feature = Yes ? PCB Mount Angle = Right Angle ? Connector Type = Free Height (FH) ? PCB Polarization = Without ? Retention Leg Material = Brass ? Color = Black ? Used For = Interconnections Requiring Variable Stacking Heights ? Sealed Bottom = Without ? Product Series = FH (Free Height) <p>Mechanical Attachment:</p> <ul style="list-style-type: none"> ? Retention Leg Plating = Tin <p>Termination Related Features:</p> <ul style="list-style-type: none"> ? Termination (Solder) Post Length (mm [in]) = 3.10 [0.122] ? Solder Tail Contact Plating = Tin 	<p>Body Related Features:</p> <ul style="list-style-type: none"> ? Centerline (mm [in]) = 1.27 [0.050] ? PCB Retention Method = Boardlock(s) <p>Contact Related Features:</p> <ul style="list-style-type: none"> ? Contact Mating Area Plating = Gold (12) ? Contact Material = Phosphor Bronze <p>Housing Related Features:</p> <ul style="list-style-type: none"> ? Housing Temperature Rating = Standard ? Housing Material = Nylon ? Housing Flammability Rating = UL 94V -0 <p>Industry Standards:</p> <ul style="list-style-type: none"> ? 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 <p>Operation/Application:</p> <ul style="list-style-type: none"> ? Application = Standard <p>Other:</p> <ul style="list-style-type: none"> ? Brand = AMP