



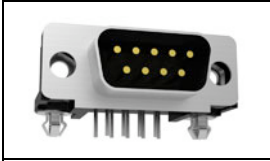
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5747840-4 Product Details

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5747840-4

TE Internal Number: 5747840-4
 Active

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Standard Board Mount Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- 9 Positions
- Connector Style = Plug
- PCB Mounting Orientation = Right Angle
- Product Series = HD 20
- With Mating Connector Lock

[View all Features](#)

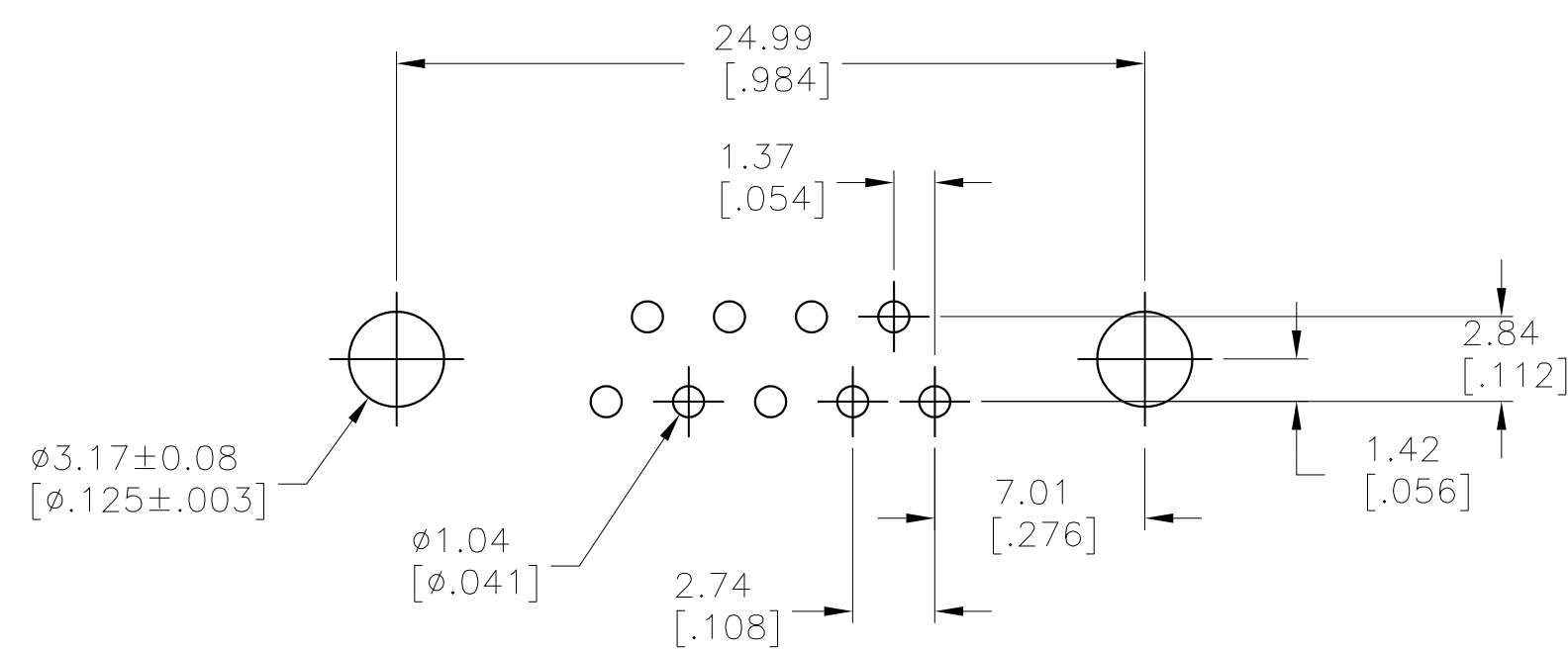
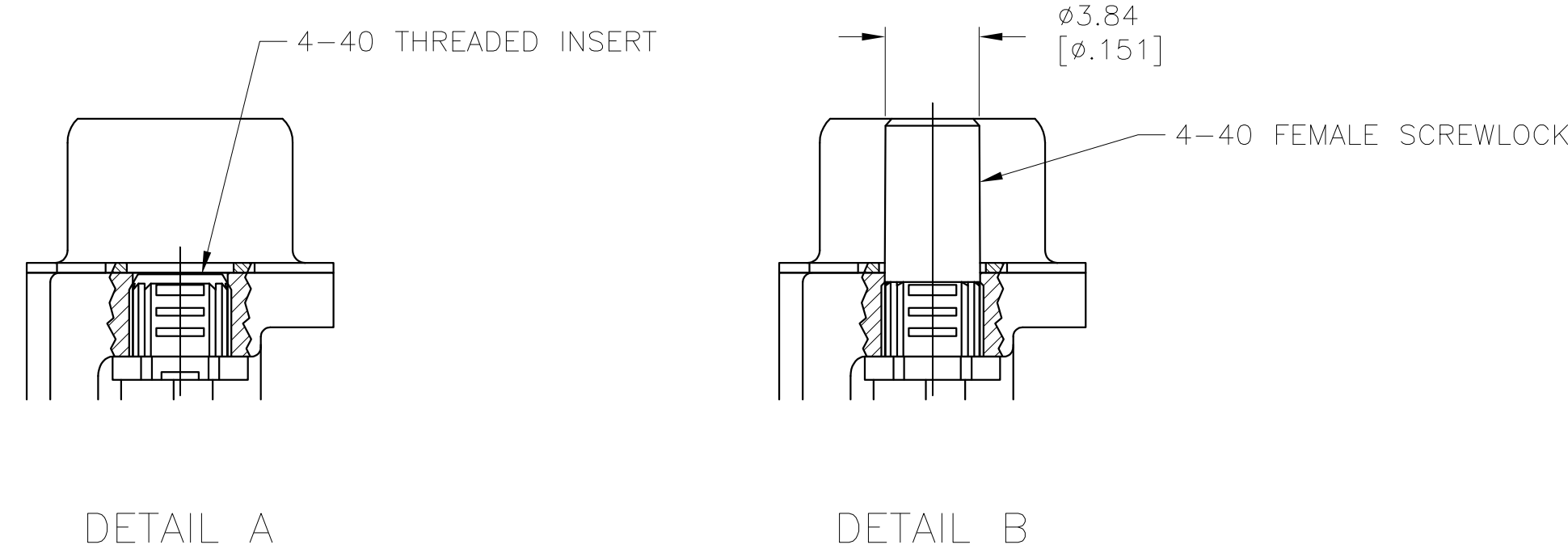
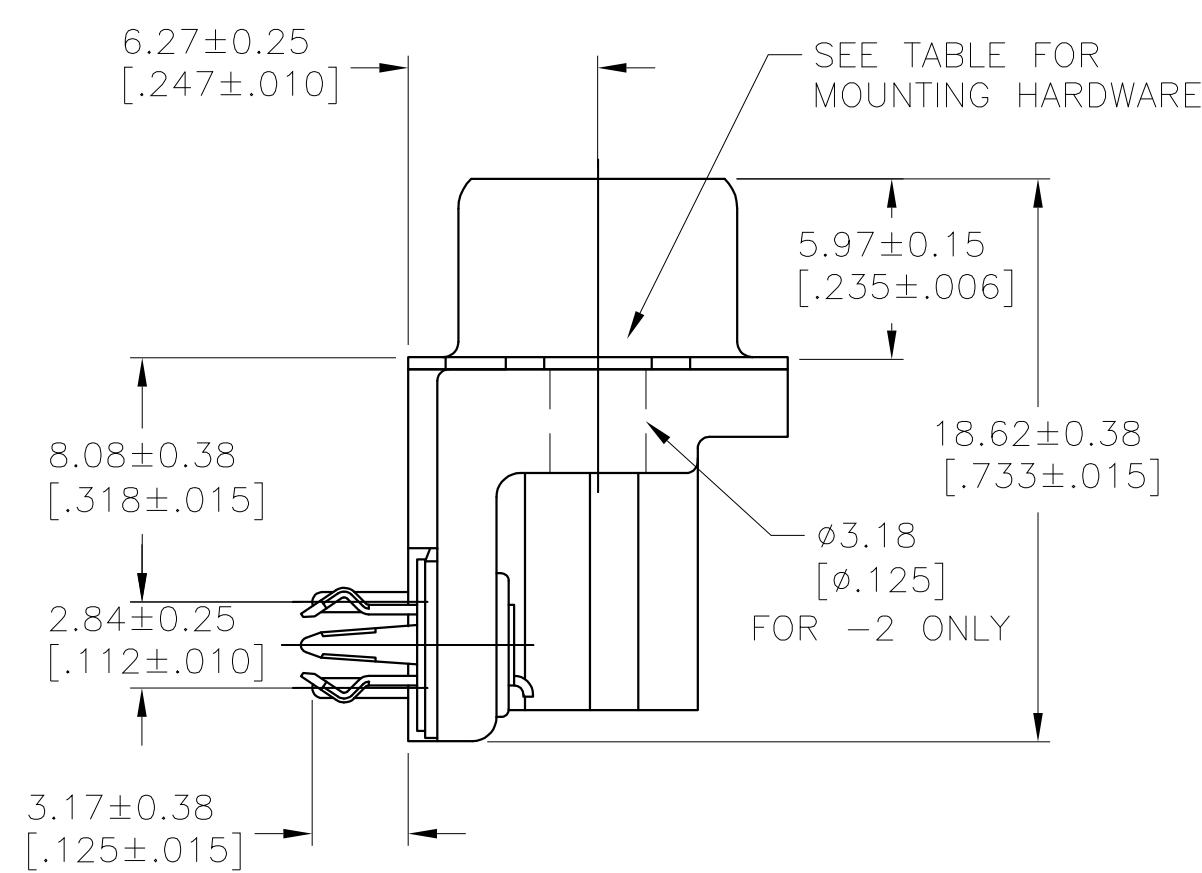
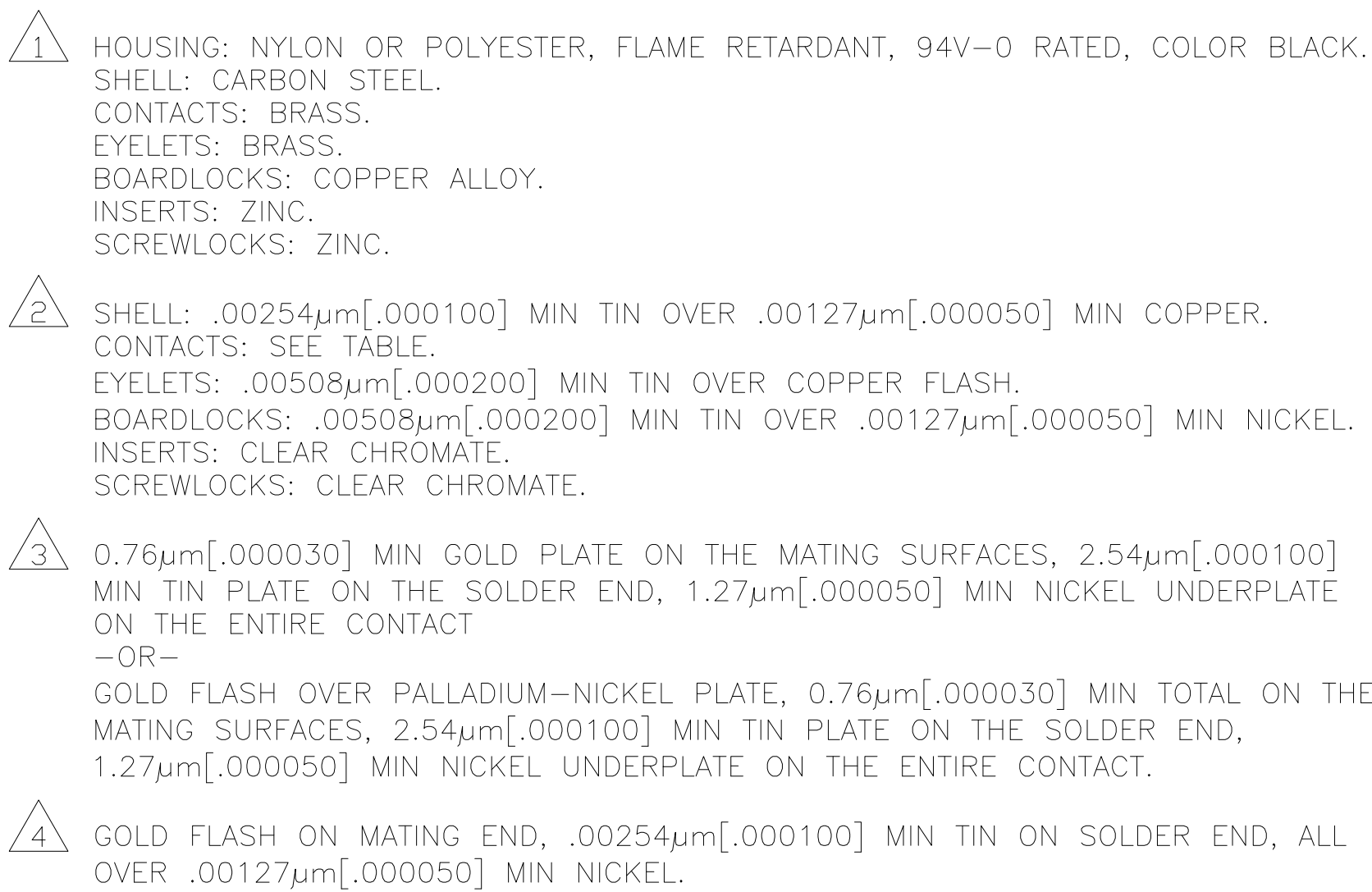
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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none">• PLUG ASSEMBLY, SIZE 1, 9 POS, RIGHT ANGLE, FRONT MET... (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none">• AMPLIMITE Subminiature D Connectors - Right-Angle Po... (PDF, English) <p>Product Specifications:</p> <ul style="list-style-type: none">• None Available <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 D)• 3D Model (IGES, Version D)• 3D Model (STEP, Version D) <p>List all Documents</p>	<p>Additional Information:</p> <ul style="list-style-type: none">• Product Line Information <p>Related Products:</p> <ul style="list-style-type: none">• Tooling• Mating Products (18)

Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none">• PCB Mounting Orientation = Right Angle• Product Series = HD 20• Mating Connector Lock = With• Mating Connector Lock Type = Threaded Insert, 4-40 UNC• PCB Mount Retention = With• PCB Mount Retention Type = Boardlock(s)• Shell Type = Front Metal Shell• Shell Size = 1• Footprint (mm [in]) = 8.08 [.318]• Grounding Indents = With• Grounding Straps = With• PCB Mount Style = Through Hole• Color Code = None• Sealed = No• Profile = Standard• Post Size (mm [in]) = 0.66 [.026]• Mounting Hole Diameter (mm [in]) = 3.18 [.125]• Shell Material = Steel• Threaded Insert Material = Zinc• Eyelet Material = Brass <p>Mechanical Attachment:</p> <ul style="list-style-type: none">• Panel Mount Retention = Without• Boardlock Material = Copper Alloy• Boardlock Plating = Tin over Nickel <p>Termination Features:</p> <ul style="list-style-type: none">• Grounding Clips = Without• Termination Post Length (mm [in]) = 3.18 [0.125]• Solder Tail Contact Plating = Tin over Nickel	<p>Dimensions:</p> <ul style="list-style-type: none">• PCB Thickness, Recommended (in [mm]) = 0.062 [1.57] <p>Body Features:</p> <ul style="list-style-type: none">• Shell Plating = Tin• Threaded Insert Plating = Clear Chromate• Eyelet Plating = Tin over Copper Flash <p>Contact Features:</p> <ul style="list-style-type: none">• Contact Plating, Mating Area, Material = Gold (30)• Contact Shape = Round• Contact Base Material = Brass <p>Housing Features:</p> <ul style="list-style-type: none">• Connector Style = Plug• UL Flammability Rating = UL 94V-0• Housing Material = Thermoplastic - GF <p>Configuration Features:</p> <ul style="list-style-type: none">• Number of Positions = 9 <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 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C• RoHS/ELV Compliance History = Always was RoHS compliant <p>Other:</p> <ul style="list-style-type: none">• Brand = AMP• Comment = Plugs are preloaded with size 20 DF posted pin contacts



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	SEE DETAIL B	5747840-6
	SEE DETAIL B	5747840-5
	SEE DETAIL A	5747840-4
	SEE DETAIL A	5747840-3
	NONE	5747840-2
CONTACT FINISH	MOUNTING HARDWARE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009						OWN J. GERACE		07FBEB05				TE Connectivity			
DIMENSIONS: INCHES						TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 P/LC ± . 1 P/LC ± . 2 P/LC ± . 3 P/LC ± 0.1% (.005) 4 P/LC ± . ANGLES ± 2°						CHK S. BOLASH		07FBEB06	
												APPROV M. WALMSLEY		07FBEB05	
						NAME						PLUG ASSEMBLY, SIZE 1, 9 POS, RIGHT ANGLE, FRONT METAL SHELL, 8.08[.318] SERIES, AMPLIMITE HD=20			
						PRODUCT SPEC									
						APPLICATION SPEC									
						WEIGHT						SIZE CAGE CODE DRAWING NO			
MATERIAL						FINISH						RESTRICTED TO			
												A1 00779 C 5747840			
						CUSTOMER DRAWING						SCALE: 4:1 SHEET 1 OF 1 REV D			