



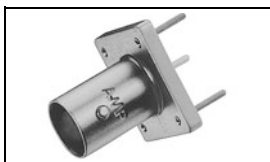
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5227699-1 Product Details

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5227699-1

TE Internal Number: 5227699-1

Active

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BNC RF Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector - RF
- Jack
- Connector Style = Jack
- Applies To Printed Circuit Board
- PCB Mounting Orientation = Vertical

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [JACK, 50 OHM, VERTICAL, PCB, BNC \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- [BNC Connectors \(PDF, English\)](#)

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 \(STEP, Version A\)](#)

[List all Documents](#)

Related Products:

- [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- [Product Type](#) = Connector - RF
- Gender = Jack
- [PCB Mounting Orientation](#) = Vertical
- Grade = Commercial
- [PCB Mount Retention](#) = Without
- Sealed = No
- Isolated = No
- Dielectric Material = VALOX
- Solder Terminal = Without

Mechanical Attachment:

- Surface Mountable = No
- Hardware Included = No
- Panel Mount Retention = Without

Electrical Characteristics:

- [Connector Impedance \(Ω\)](#) = 50

Dimensions:

- [PCB Height \(mm \[in\]\)](#) = 15.88 [0.625]

Body Features:

- [Body Shape](#) = Vertical-Flanged Base
- [Body Material](#) = Zinc
- [Body Plating](#) = Nickel
- [Body Insulation](#) = Without
- Polarized = No

Contact Features:

- [Center Contact Material](#) = Phosphor Bronze
- [Center Contact Plating](#) = Silver

Housing Features:

- Connector Style = Jack

Configuration Features:

- Number of Ports = 1

Industry Standards:

- Government/Industry Qualification = No
- [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

Conditions for Usage:

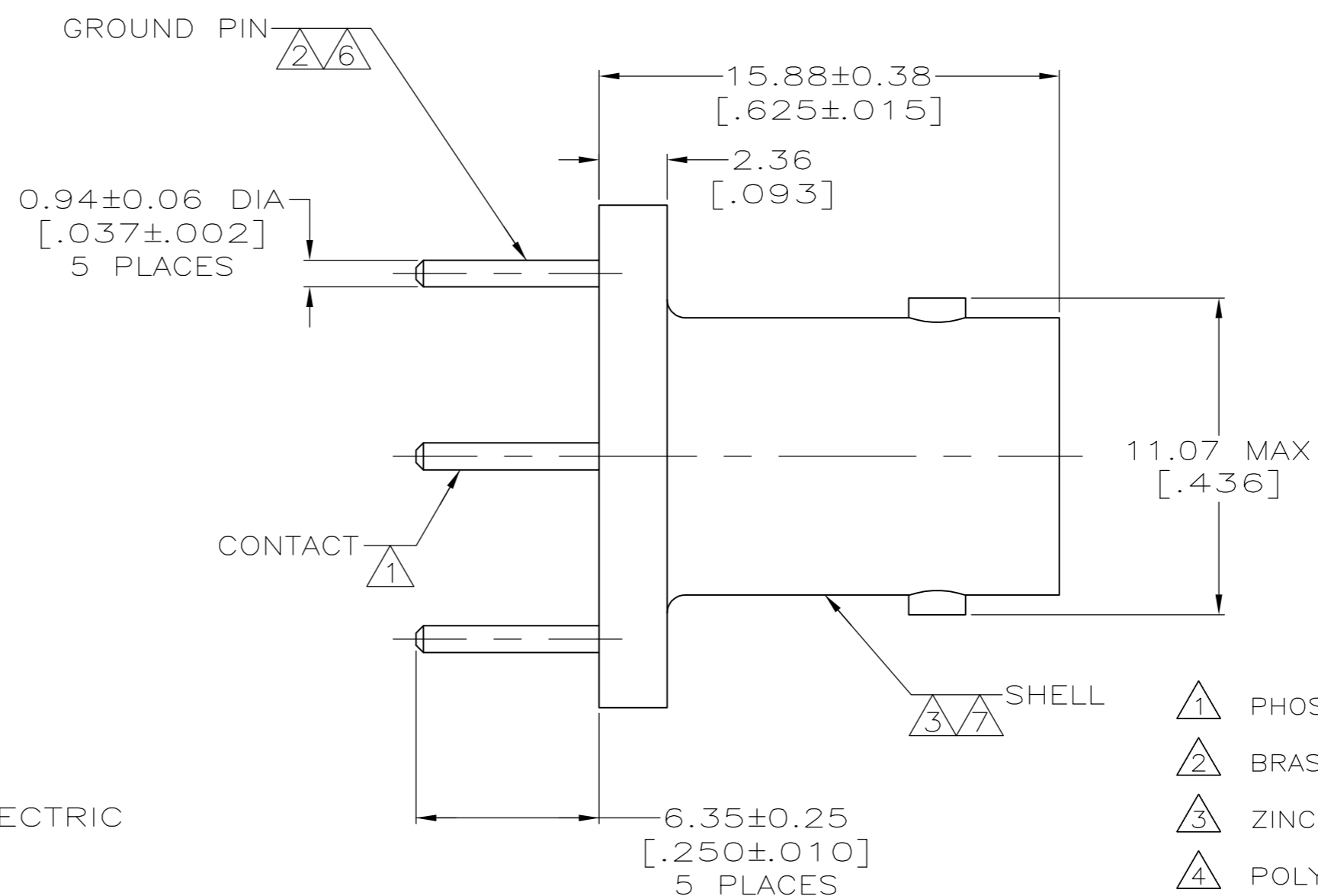
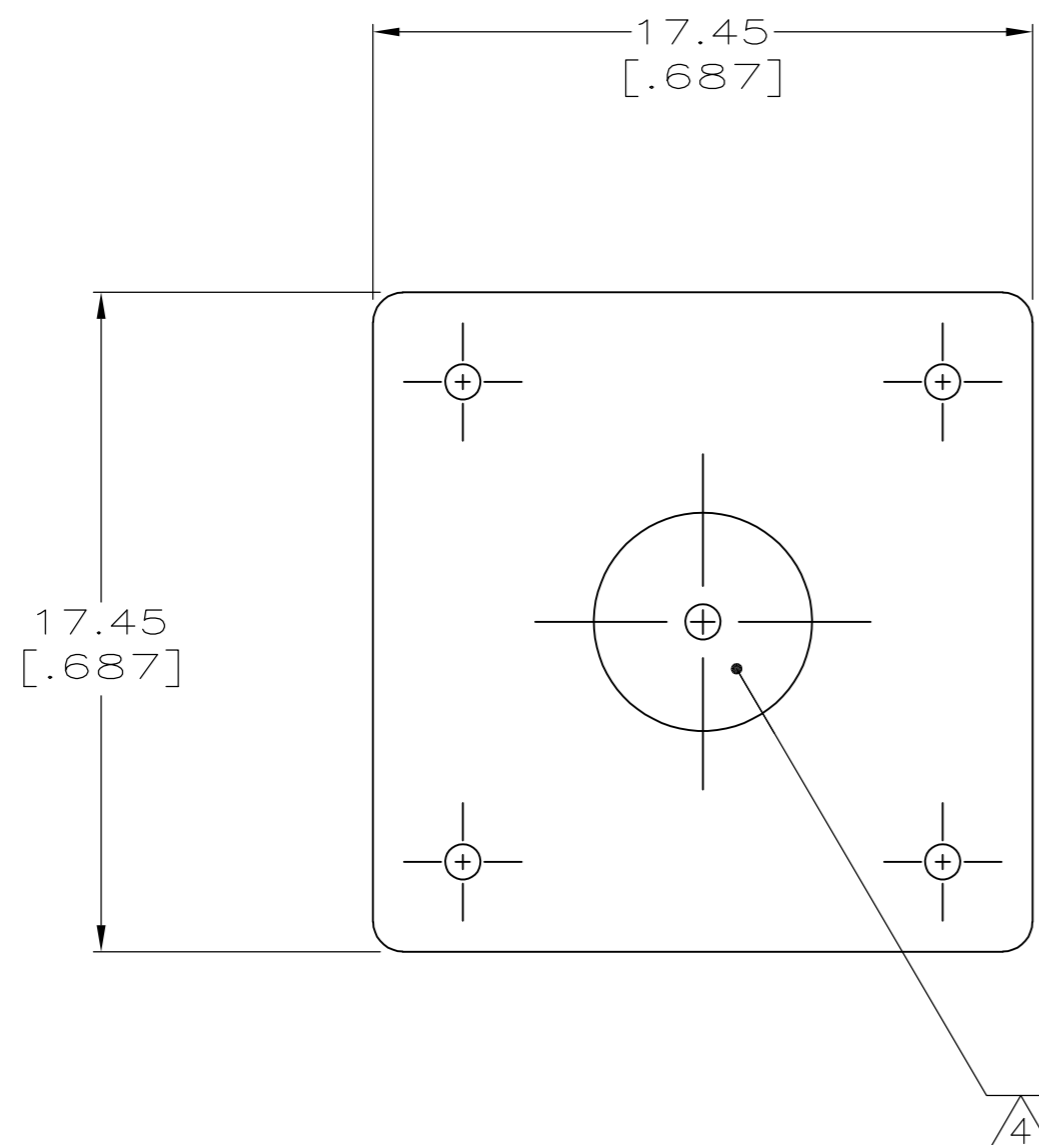
- [Applies To](#) = Printed Circuit Board

Other:

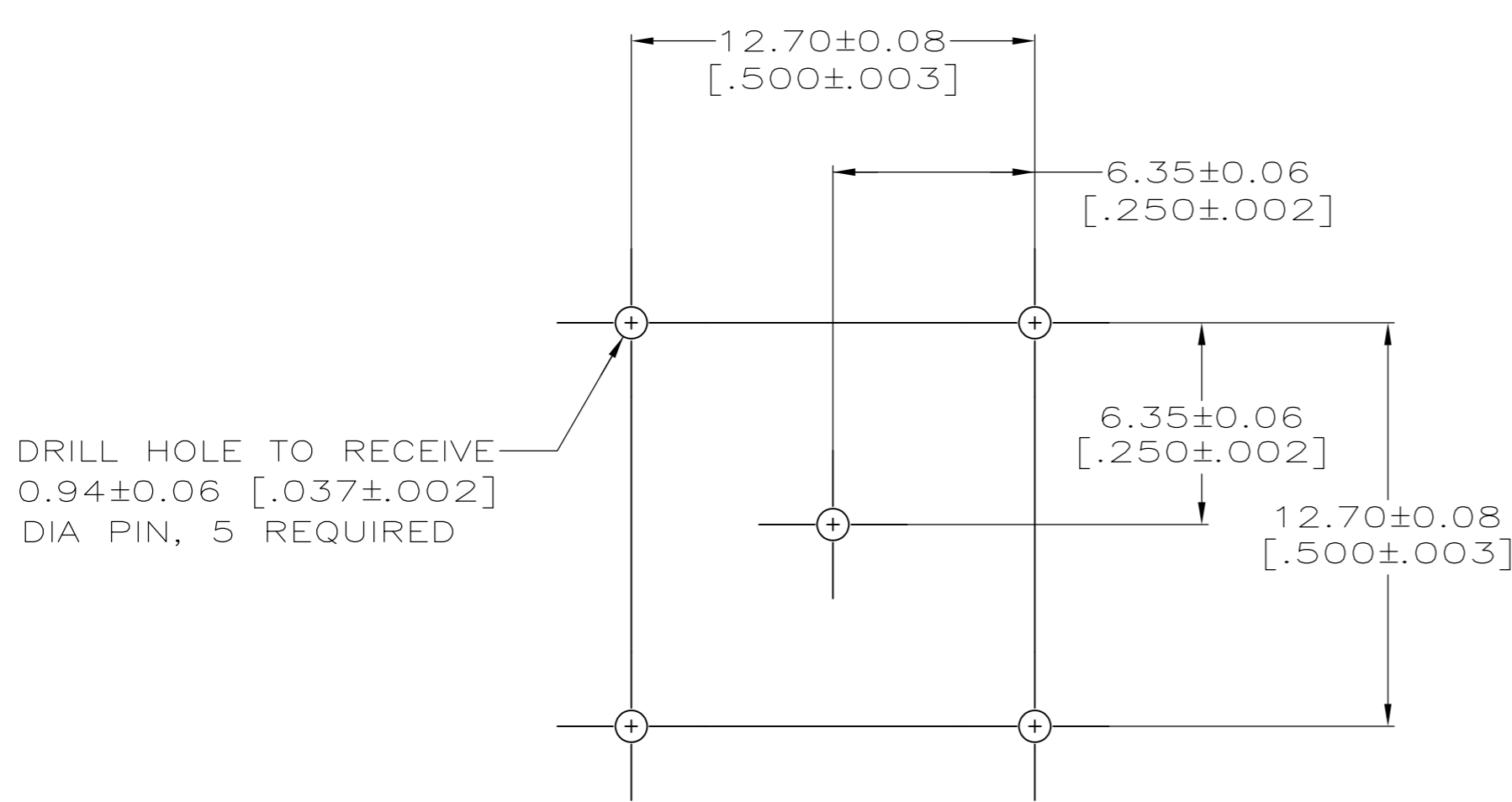
- Brand = AMP

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AJ	17	A1	REVISED PER ECO-11-005030	11MAR11	RK HMR



- 1 PHOSPHOR BRONZE PER QQ-B-750.
- 2 BRASS PER QQ-B-626.
- 3 ZINC PER QQ-Z-363.
- 4 POLYESTER, PBT, PER MIL-M-24519.
- 5 SILVER PLATE PER QQ-S-365
2.54µm [0.000100] MINIMUM THICK.
- 6 TIN PLATE PER ASTM-B-545
2.54µm [0.000100] MINIMUM THICK.
- 7 NICKEL PLATE PER QQ-N-290
3.81µm [0.000150] MINIMUM THICK.
- 8 GOLD PLATE PER ASTM-B-488,
0.76µm [0.000030] MINIMUM THICK.
- 9. SEE INSTRUCTION SHEET 408-9889.



DRILL HOLE TO RECEIVE
 0.94±0.06 [0.037±0.002]
 DIA PIN, 5 REQUIRED

SUGGESTED PCB CONFIGURATION

6	5227699-3
8	5227699-2
5	5227699-1
CONTACT FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN L. VARELA - DOCK5 21APR2005	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK J. HAVENER 21APR2005	NAME JACK, 50 OHM, VERTICAL, PCB, BNC	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J. LIPPERT 21APR2005	PRODUCT SPEC 108-12078	
0 PLC ± -		APPLICATION SPEC		
1 PLC ± -		SIZE A2		
2 PLC ± 0.20 [.008]		CAGE CODE 00779		
3 PLC ± -		DRAWING NO 5227699		
4 PLC ± -		RESTRICTED TO		
ANGLES ± -		SCALE 5:1		
MATERIAL		WEIGHT -		SHEET 1 of 1
FINISH		CUSTOMER DRAWING		REV A1

5227699