

## 5222462-1 Product Details



**5222462-1**

TE Internal Number: 5222462-1



### 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

### Documentation & Additional Information

#### Product Drawings:

- [JACK, PCB, HIGH RETENTION PRESS FIT, 75 OHM, 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)

#### 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](#) = With
- PCB Mount Retention Type = Action/Compliant Tail
- [Sealed](#) = No
- [Isolated](#) = No
- [Dielectric Material](#) = PTFE
- Solder Terminal = Without

#### Mechanical Attachment:

- Surface Mountable = No
- [Hardware Included](#) = No
- Panel Mount Retention = Without

#### Electrical Characteristics:

- [Connector Impedance \( \$\Omega\$ \)](#) = 75

#### Dimensions:

- [PCB Height \(mm \[in\]\)](#) = 20.57 [0.810]

#### Body Features:

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

#### Contact Features:

- [Center Contact Material](#) = Beryllium Copper
- [Center Contact Plating](#) = Gold

#### 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](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

#### Conditions for Usage:

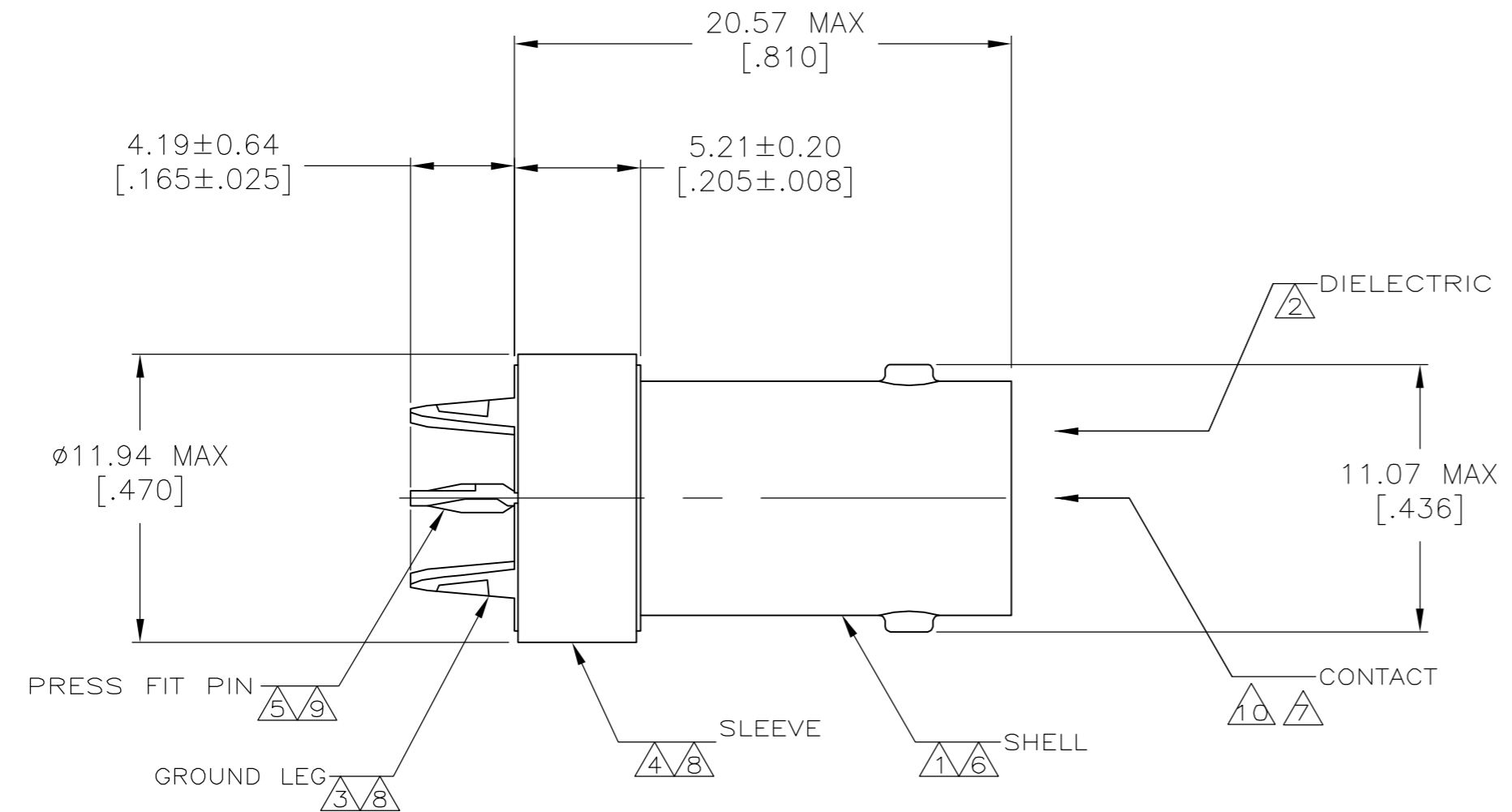
- [Applies To](#) = Printed Circuit Board

#### Other:

- Brand = AMP

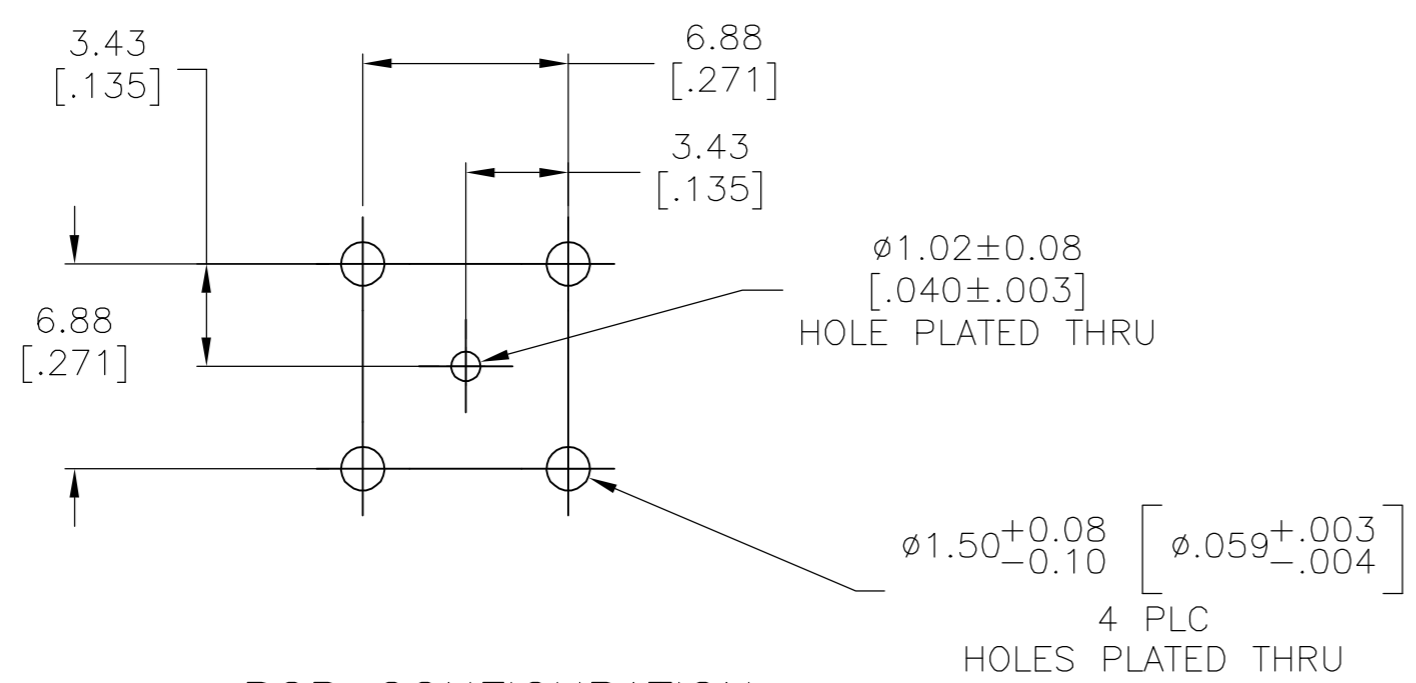
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AJ	16		B	REVISED PER ECO 07-002853	21MAR2007	DW	JL



- 1 ZINC PER QQ-Z-363.
- 2 PTFE PER MIL-P-19468.
- 3 COPPER-IRON ALLOY PER ASTM-B-465.
- 4 COPPER PER QQ-C-576.
- 5 COPPER-NICKEL ALLOY PER ASTM-B-122.
- 6 NICKEL PLATE PER QQ-N-290  
3.81  $\mu\text{m}$  [.000150] MINIMUM THICK.
- 7 GOLD PLATE PER MIL-G-45204  
0.76  $\mu\text{m}$  [.000030] MINIMUM THICK.
- 8 TIN PLATE PER ASTM-B-545,  
2.54  $\mu\text{m}$  [.000100] MIN THICK.
- 9 GOLD PLATE PER MIL-G-45204
- 10 BERYLLIUM COPPER PER ASTM-B-643
- 11 .010±.001 THICK, MYLAR (POLYESTER FILM) INSULATOR, AMP P/N 1274912-1, ATTACHED TO BOTTOM, (NOT SHOWN).

12. CONNECTOR PRESS FIT IS DESIGNED TO PROVIDE 100 LB. MINIMUM AXIAL RETENTION TO PCB COMPLIANT WITH TYCO APPLICATION SPEC 114-12001. AS A RESULT, DEFORMATION OF PLATED THROUGH HOLES WILL OCCUR. CUSTOMER VALIDATION AND ACCEPTANCE OF THIS DEFORMATION IS RECOMMENDED PRIOR TO SPECIFYING USE OF THIS PRODUCT.



PCB CONFIGURATION

5222462-4
5222462-1
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. ALCORTA - DOCK5 22APR2005	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		CHK J. HAVENER 22APR2005	NAME JACK, PCB, HIGH RETENTION PRESS FIT, 75 OHM, BNC	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J. LIPPERT 22APR2005	PRODUCT SPEC 108-12103	
0 PLC ± -		APPLICATION SPEC 114-12001		
1 PLC ± -		SIZE A2		
2 PLC ± 0.05 [.002]		CAGE CODE 00779		
3 PLC ± -		DRAWING NO C=5222462		
4 PLC ± -		RESTRICTED TO -		
ANGLES ± -		SCALE 5:1		
FINISH		SHEET 1 OF 1		
1 THRU 5,10,11		REV B		
6 THRU 10		CUSTOMER DRAWING		