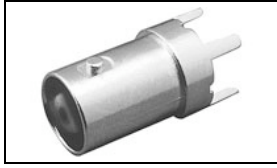


6274291-1 Product Details



6274291-1

TE Internal Number: 6274291-1



BNC RF Connectors

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector - RF
- Jack
- Connector Style = Jack
- Applies To Printed Circuit Board
- Body Style = Straight

Documentation & Additional Information

Product Drawings:

- [JACK, VERTICAL, PCB, 75 OHM, COMMERCIAL 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](#) = Hold Down Post(s)
- [Mounting Post Style](#) = Standard
- [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](#) (Ω) = 75

Dimensions:

- [PCB Height](#) (mm [in]) = 20.57 [0.810]
- [Mounting Post Length](#) (mm [in]) = 3.30 [0.130]

Body Features:

- [Body Style](#) = Straight
- [Body Shape](#) = Vertical-Unflanged Base
- [Body Material](#) = Zinc
- [Body Plating](#) = Tin
- [Body Insulation](#) = Without
- [Polarized](#) = No

Contact Features:

- [Center Contact Material](#) = Beryllium Copper
- [Center Contact Plating](#) = Gold (30)

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

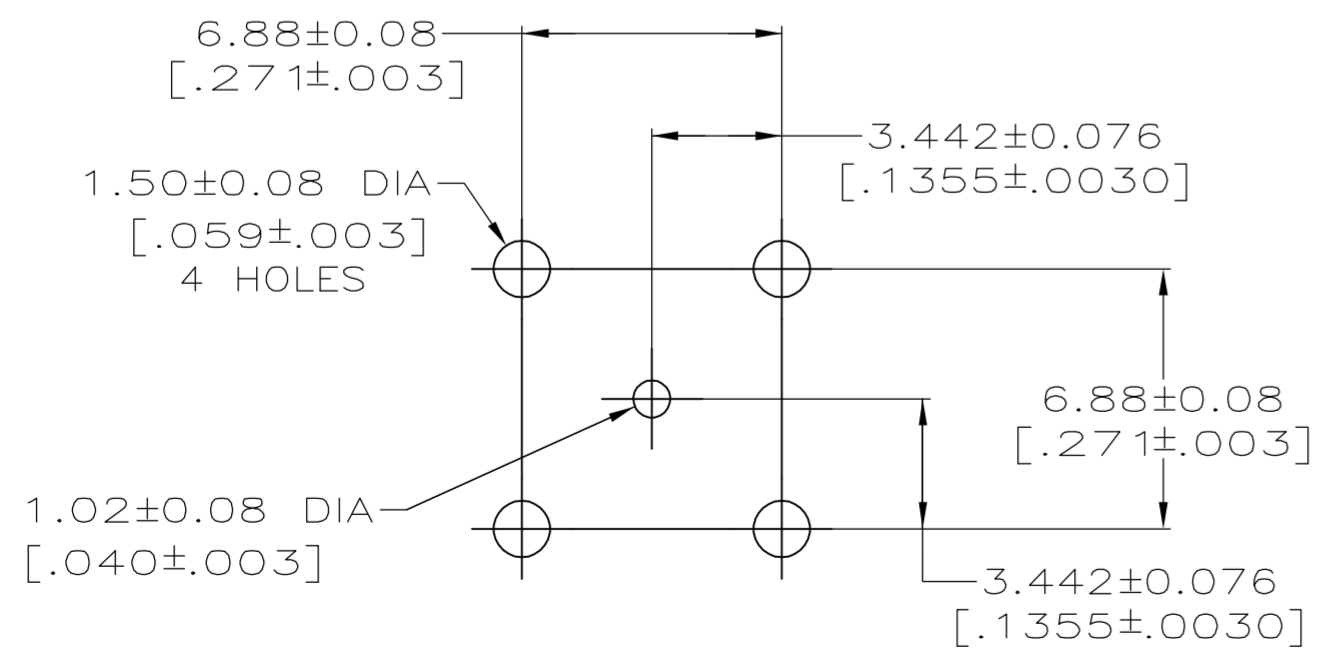
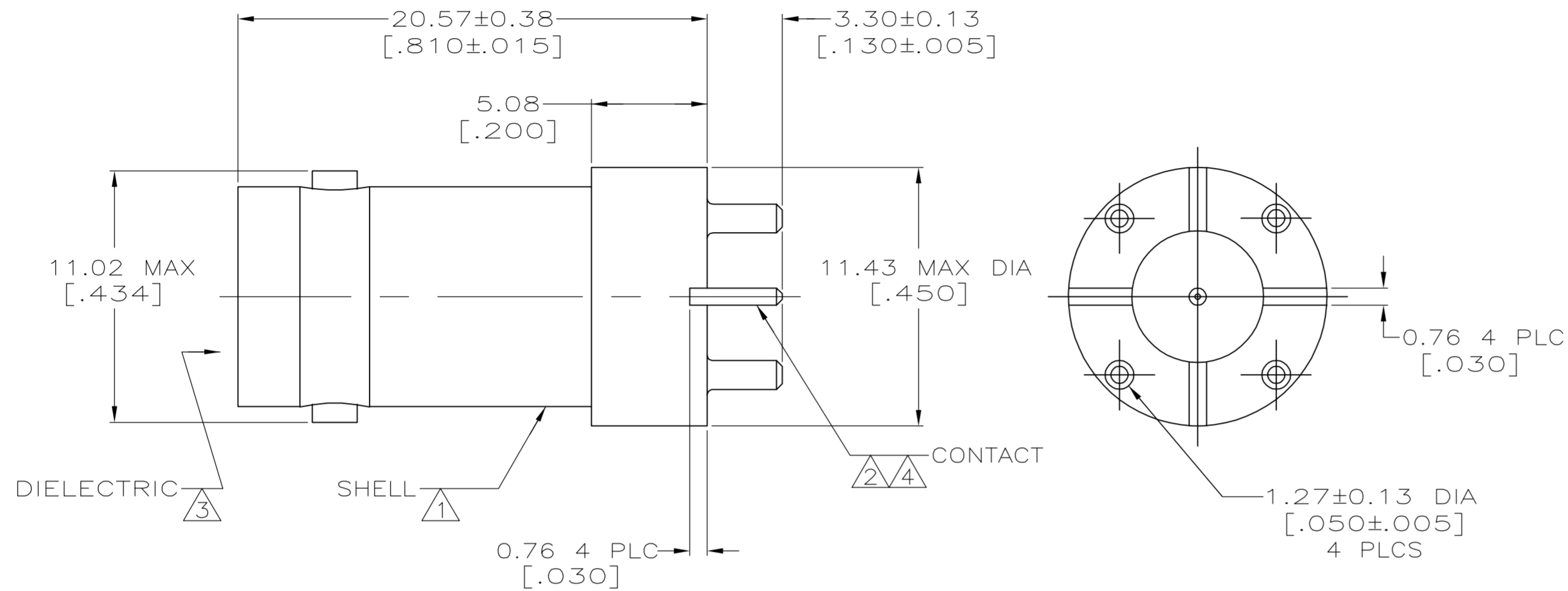
Other:

- [Brand](#) = AMP

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AJ	16	A	REVISED PER EC OS14-0150-05	01SEP05	BM JL

- ① ZINC PER QQ-Z-363
- ② BERYLLIUM COPPER PER ASTM-B-196
- ③ PTFE PER MIL-P-19468
- ④ GOLD PLATE PER MIL-G-45204
0.76 μm [.000030] MINIMUM THICK.
- ⑤ TIN PLATE PER ASTM-B-545,
3.04 μm [.000120] MINIMUM THICK.
- 6. SEE INSTRUCTION SHEET 408-9889.
- ⑦ NICKEL PLATE PER QQ-N-290
5.08 μm [.000200] MINIMUM THICK.



PCB CONFIGURATION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN L. VARELA - DOCK5 02FEB2005	Tyco Electronics Corporation Harrisburg, Pa 17105-3608													
DIMENSIONS: INCHES		CHK J. HAVENER 02FEB2005														
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J. LIPPERT 02FEB2005	NAME JACK, VERTICAL, PCB, 75 OHM, COMMERCIAL BNC													
<table border="1"> <tr><td>0 PLC</td><td>± -</td></tr> <tr><td>1 PLC</td><td>± -</td></tr> <tr><td>2 PLC</td><td>± 0.20 [.008]</td></tr> <tr><td>3 PLC</td><td>± -</td></tr> <tr><td>4 PLC</td><td>± -</td></tr> <tr><td>ANGLES</td><td>± -</td></tr> </table>		0 PLC	± -	1 PLC	± -	2 PLC	± 0.20 [.008]	3 PLC	± -	4 PLC	± -	ANGLES	± -	PRODUCT SPEC 108-12078	RESTRICTED TO -	
0 PLC	± -															
1 PLC	± -															
2 PLC	± 0.20 [.008]															
3 PLC	± -															
4 PLC	± -															
ANGLES	± -															
MATERIAL SEE NOTES 1 - 3		FINISH SEE NOTES 4, 5	SIZE A2	CAGE CODE 00779												
CUSTOMER DRAWING		WEIGHT -	DRAWING NO C=6274291													
		SCALE 5:1	SHEET 1 OF 1 REV A													