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222006-1 Product Details

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222006-1

TE Internal Number: 222006-1

✔ Active

BNC RF Connectors

🍃 Always EU RoHS compliant but not ELV Compliant

(Find RoHS Compliant Alternates/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
- ▷ Pricing & Availability
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- ▷ Product Feature Selector
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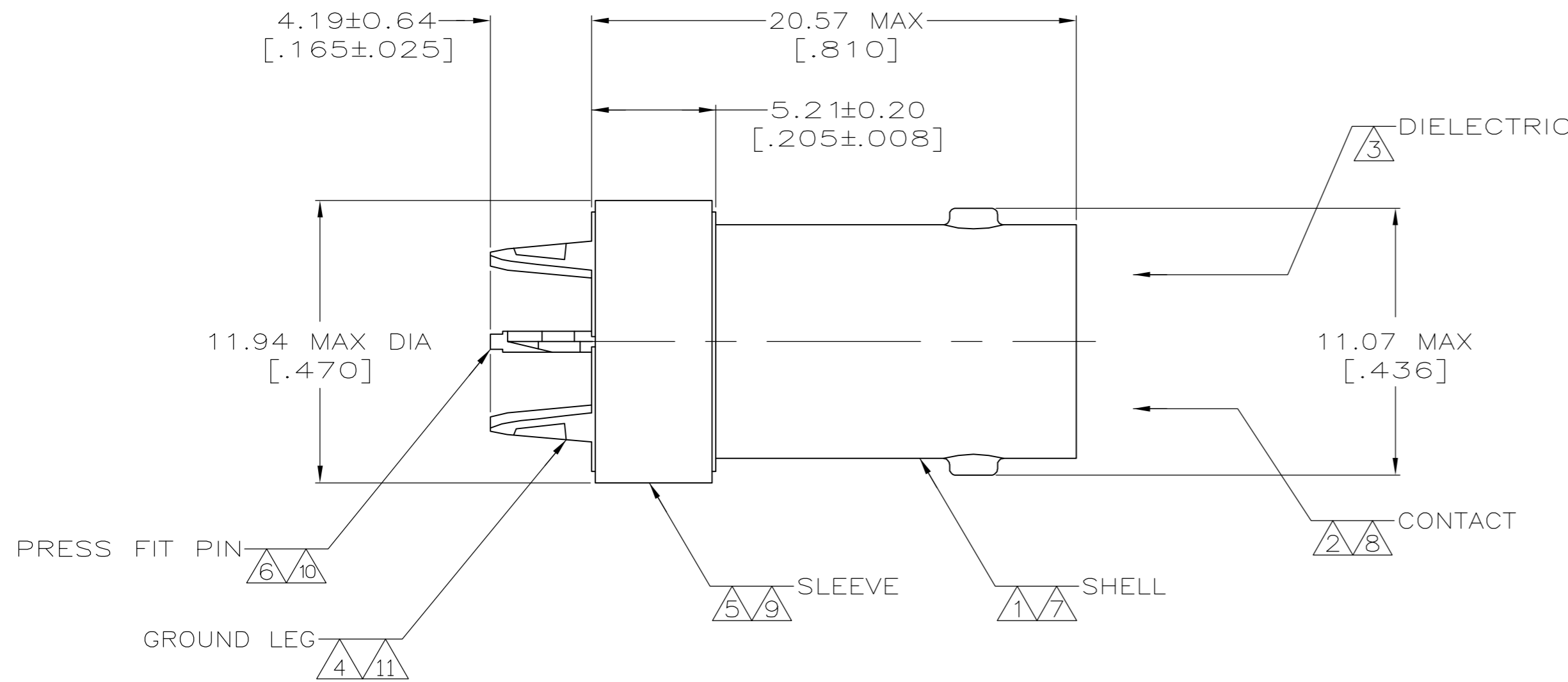Add to My Part List   Request Sample   Find Similar Products   Buy Product

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Documentation & Additional Information

Product Drawings:
- JACK, PCB, HIGH RETENTION PRESS FIT, 50 OHM, BNC (PDF, English)

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- Commercial Press-Fit BNC Coaxial PCB Receptacle Conn... (PDF, English)

Application Specifications:
- Commercial 50- and 75-Ohm BNC Press-Fit Printed Circ... (PDF, English)

Instruction Sheets:
- None Available

CAD Files:
- None Available

Related Products:
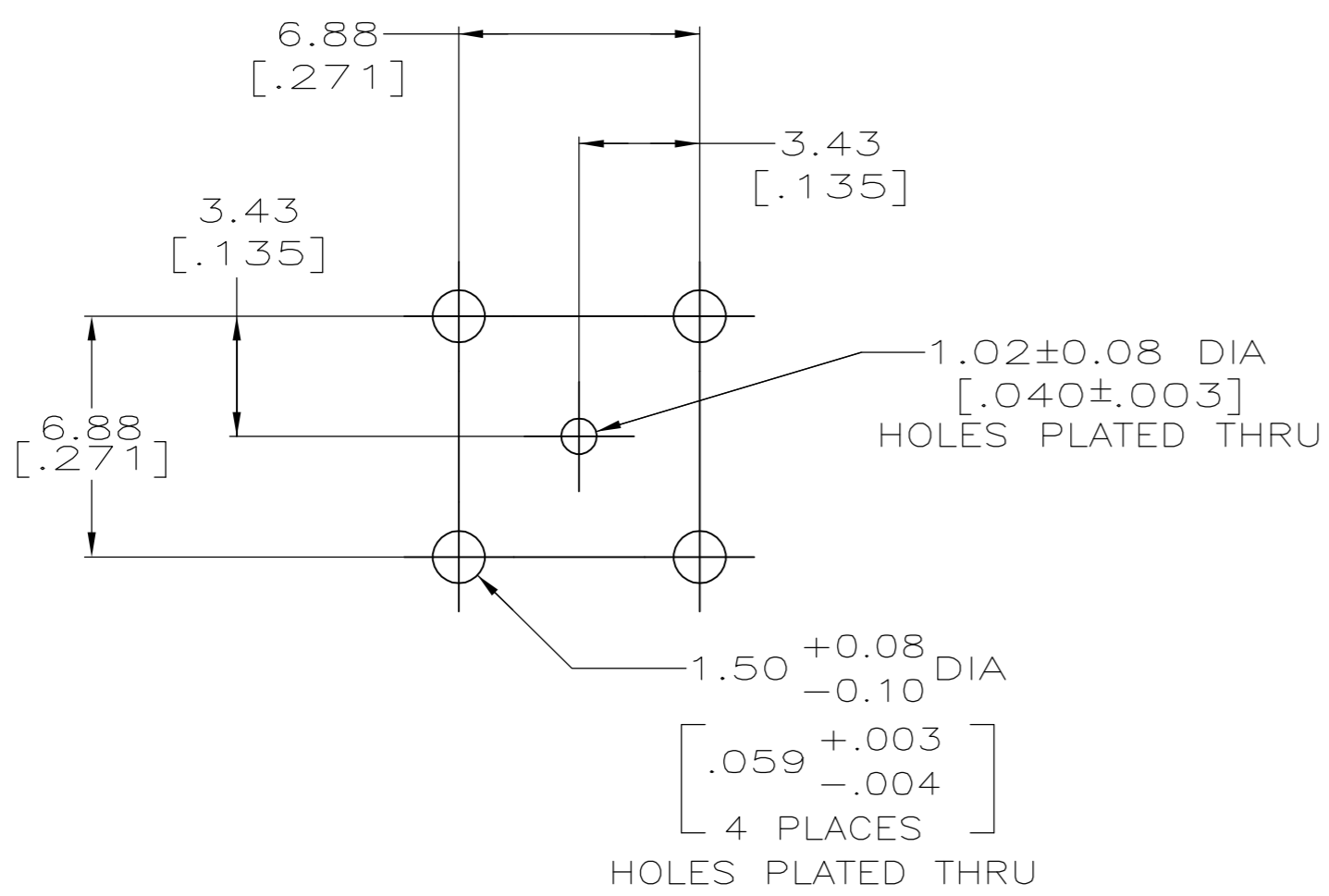- Tooling

List all Documents

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 = Fluoropolymer

Mechanical Attachment:
- Surface Mountable = No
- Hardware Included = No
- Panel Mount Retention = Without

Electrical Characteristics:
- Connector Impedance (Ω) = 50

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
- Solder Terminal = Without

Industry Standards:
- Government/Industry Qualification = No
- RoHS/ELV Compliance = RoHS/Not ELV Compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS not ELV compliant

Conditions for Usage:
- Applies To = Printed Circuit Board

Other:
- Brand = AMP

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

4.19±0.64
[.165±.025]

20.57 MAX
[.810]

5.21±0.20
[.205±.008]

△3 DIELECTRIC

11.94 MAX DIA
[.470]

11.07 MAX
[.436]

PRESS FIT PIN
△6 △10

△2 △8 CONTACT

GROUND LEG
△4 △11

△5 △9 SLEEVE

△1 △7 SHELL

△1 ZINC PER QQ-Z-363.

△2 BERYLLIUM COPPER PER ASTM-B-643

△3 PTFE PER MIL-P-19468.

△4 COPPER-IRON ALLOY PER ASTM-B-465.

△5 COPPER PER QQ-C-576.

△6 COPPER ALLOY PER ASTM-B-122.

△7 NICKEL PLATE PER QQ-N-290
3.81μm [.000150] MINIMUM THICK.

△8 GOLD PLATE PER MIL-G-45204
0.76μm [.000030] MINIMUM THICK.

△9 TIN PLATE PER ASTM-B-545,
2.54 μm [.000100] MIN THICK.

△10 GOLD PLATE PER MIL-G-45204

△11 TIN-LEAD PLATE PER ASTM-B-545,
2.54 μm [.000100] MIN THICK.

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.

222006

6.88
[.271]

3.43
[.135]

3.43
[.135]

6.88
[.271]

1.02±0.08 DIA
[.040±.003]
HOLES PLATED THRU

1.50 $^{+0.08}_{-0.10}$ DIA
$\left[.059 ^{+.003}_{-.004} \right]$
4 PLACES
HOLES PLATED THRU

PCB CONFIGURATION

222006-1
PART NUMBER