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413990-2 Product Details

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413990-2

TE Internal Number: 413990-2

✔ Active

🔻 View 3D PDF

SMB RF Connectors

🍃 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:
- Connector - RF
- Jack
- Standard
- Applies To Printed Circuit Board
- Coupler Style = Quick Connect/Disconnect

View all Features

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Documentation & Additional Information

Product Drawings:
- JACK,RCPT,STR,SMB/PCB (PDF, English)

Catalog Pages/Data Sheets:
- SMB Connectors (PDF, English)

Product Specifications:
- CONNECTOR, SMB SERIES, 50 OHM, COAXIAL, PRINTED CIRC... (PDF, English)

Application Specifications:
- None Available

Instruction Sheets:
- AMP* SMB PRINTED CIRCUIT (PC) BOARD VERTICAL JACK CO... (PDF, English)

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version D)
- 3D Model (IGES, Version D)
- 3D Model (STEP, Version D)

Additional Product Images:
- PCB Layout

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
- Connector Series = Standard
- Grade = Mil-Type
- PCB Mounting Orientation = Vertical
- Board Standoff = Without
- PCB Mount Style = Through Hole
- Dielectric Material = Fluoropolymer

Mechanical Attachment:
- Panel Mount Retention = Without

Electrical Characteristics:
- Connector Impedance (Ω) = 50

Body Features:
- Coupler Style = Quick Connect/Disconnect
- Body Style = Straight
- Pin Protection = Without
- Body Plating = Nickel over Copper

Contact Features:
- Center Contact Plating = Gold over Nickel

Configuration Features:
- Preloaded = Yes
- Solder Lug = Without
- Environmental Protection = Without

Industry Standards:
- 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, Reflow solder capable to 245°C, Reflow solder capable to 260°C, Pin-in-Paste capable to 245°C, Pin-in-Paste capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:
- Applies To = Printed Circuit Board

Other:
- Brand = AMP

Corporate Information
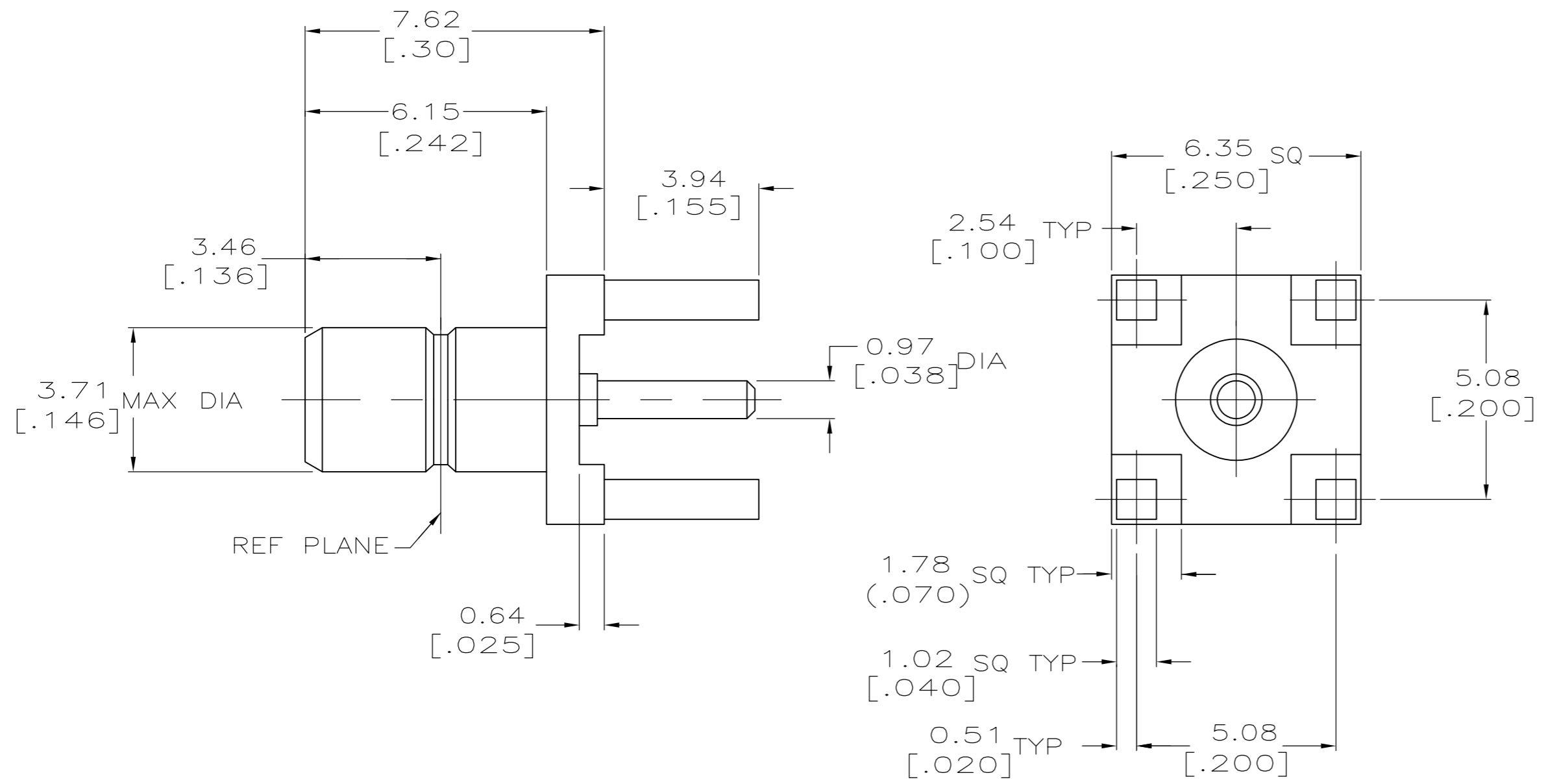
About TE

Quick Links

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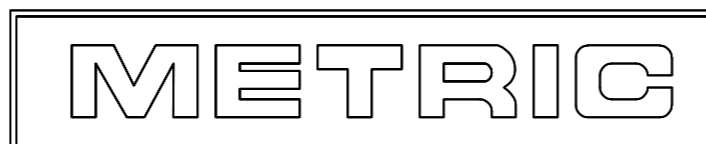© COPYRIGHT — By —   ALL RIGHTS RESERVED.

LOC AJ   DIST 16

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D2	ECR-12-005726	27MAR12	RK	MY

7.62 [.30]

6.15 [.242]

3.94 [.155]

3.46 [.136]

3.71 [.146] MAX DIA

REF PLANE

0.64 [.025]

6.35 SQ [.250]

2.54 [.100] TYP

0.97 [.038] DIA

5.08 [.200]

1.78 SQ TYP (.070)

1.02 SQ TYP [.040]

0.51 TYP [.020]

5.08 [.200]

1.   MATERIALS:
        BODY...BRASS
        CONTACT...BRASS
        DIELECTRIC...PTFE

/2\   FINISH:
        BODY AND CENTER CONTACT...
        GOLD PER MIL-G-45204 OVER
        NICKEL PER QQ-N-290.

/3\   FINISH:
        BODY ... NICKEL
        PER QQ-N-290 OVER
        COPPER PER MIL-C-14550.

/4\   FINISH:
        CENTER CONTACT ... GOLD
        PER MIL-G-45204 OVER
        NICKEL PER QQ-N-290.

5.   INTERFACE PER MIL-C-39012.

/6\   FINISH:
        BODY AND CENTER CONTACT...
        GOLD PER MIL-G-45204
        .000050 MIN THK OVER
        NICKEL PER QQ-N-290.

413990

/6\	413990-3
/3\ /4\	413990-2
/2\	413990-1
NOTES	ASSY NO

PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN —	9/27/90
CHK J. McLEOD	9/27/90
APVD J. McLEOD	9/28/90

≡TE   TE Connectivity

NAME
JACK,RCPT,STR,SMB/PCB
—

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC   ± —
1 PLC   ± —
2 PLC   ± .25
3 PLC   ± .130
4 PLC   ± ± —
ANGLES

PRODUCT SPEC —

APPLICATION SPEC —

MATERIAL
SEE NOTES

FINISH
SEE NOTES

WEIGHT —

SIZE A2	CAGE CODE 00779	DRAWING NO C-413990		RESTRICTED TO —

CUSTOMER DRAWING

SCALE 8:1   SHEET 1 of 1   REV D2

METRIC

1471-9 (3/11)