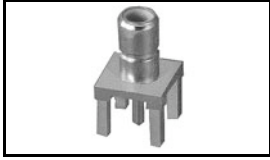


413990-1 Product Details

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413990-1

TE Internal Number: 413990-1

 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](#)

Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

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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)

[List all Documents](#)

Additional Product Images:

- [PCB Layout](#)

Related Products:

- [Tooling](#)

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

Contact Features:

- [Center Contact Plating](#) = Gold over Nickel

Configuration Features:

- [Preloaded](#) = Yes
- [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

Body Features:

- Coupler Style = Quick Connect/Disconnect
- [Body Style](#) = Straight
- [Pin Protection](#) = Without
- Solder Lug = Without
- [Body Plating](#) = Gold per MIL-G-45204, Type II, Grade C, Class 1

Conditions for Usage:

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

Other:

- Brand = AMP

Corporate Information

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[Documents & Drawings](#)
[Product Compliance Support Center](#)
[Site Map](#)

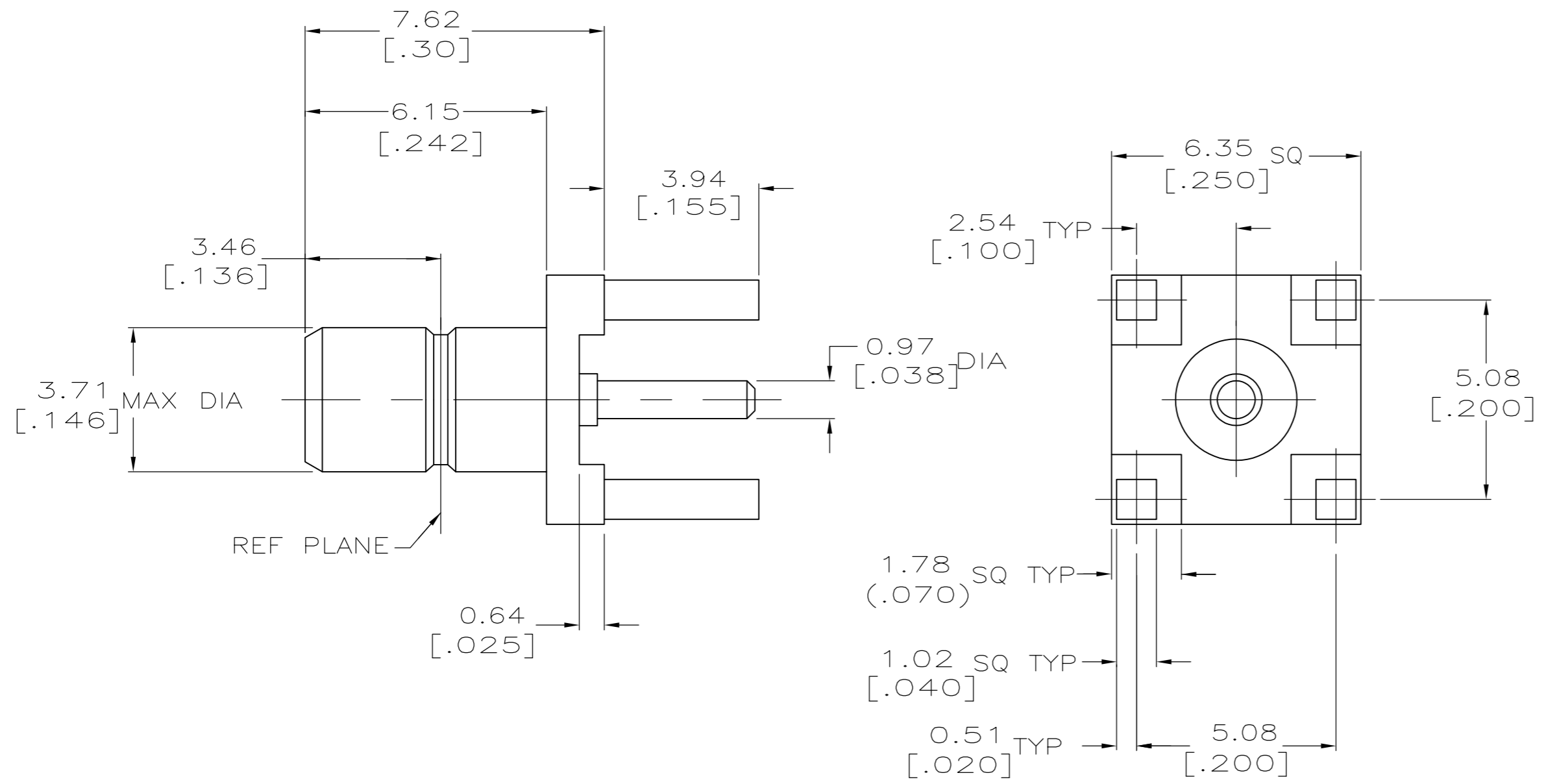
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AJ	16						
		D2		ECR-12-005726	27MAR12	RK	MY



- MATERIALS:
 BODY...BRASS
 CONTACT...BRASS
 DIELECTRIC...PTFE
- FINISH:
 BODY AND CENTER CONTACT...
 GOLD PER MIL-G-45204 OVER
 NICKEL PER QQ-N-290.
- FINISH:
 BODY ... NICKEL
 PER QQ-N-290 OVER
 COPPER PER MIL-C-14550.
- FINISH:
 CENTER CONTACT ... GOLD
 PER MIL-G-45204 OVER
 NICKEL PER QQ-N-290.
- INTERFACE PER MIL-C-39012.
- FINISH:
 BODY AND CENTER CONTACT...
 GOLD PER MIL-G-45204
 .000050 MIN THK OVER
 NICKEL PER QQ-N-290.

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	9/27/90	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK	9/27/90		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	9/28/90	NAME	
0 PLC ± -	1 PLC ± -	J. McLEOD		JACK,RCPT,STR,SMB/PCB	
2 PLC ± .25	3 PLC ± .130	J. McLEOD		SIZE	
4 PLC ± -	ANGLES ± -	PRODUCT SPEC		CAGE CODE	DRAWING NO
MATERIAL		APPLICATION SPEC		A2	00779
SEE NOTES		WEIGHT		C=413990	
SEE NOTES		CUSTOMER DRAWING		RESTRICTED TO	
		SCALE		SHEET	
		8:1		1 of 1	
				REV	
				D2	