

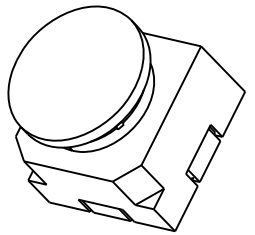
1. MATERIALS AND FINISHES:
BODY - BERYLLIUM COPPER, GOLD PLATED (.000030 MIN.)
CONTACT - BERYLLIUM COPPER, GOLD PLATED (.000050 MIN.)
INSULATOR AND CAP - LIQUID CRYSTAL POLYMER (LCP)

2. ELECTRICAL PERFORMANCE:
FREQUENCY: DC TO 6 GHz
V.S.W.R. (MATED PAIR): 1.150 MAX. (DC TO 4.0 GHz)
1.400 MAX. (4.0 TO 6.0 GHz)
D.W.V.: 500 VRMS MIN.
INSULATION RESISTANCE: 500 MOHMS MIN.

3. MECHANICAL PERFORMANCE:
THERMAL RESISTANCE: 90 SECONDS MINIMUM @ 450° F
SOLDERABILITY: 4 CONTACTS MEET MIL-STD-202, METHOD 208
TERMINAL STRENGTH: PULL-OFF = 13.5 LBS. MIN.
SHEAR = 9.0 LBS. MIN.

4. PACKAGING: 16 mm TAPE & REEL PACKAGING, 1500 PCS./REEL

908-22101-TCT		REVISIONS				
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR	
THIRD ANGLE PROJ. 	A	RELEASE TO MFG.	11/9/01	43889	ORB	
	B	SEE SHEET 1	6/4/09	47599	CPM	



Technical drawing of a micro-mate interface showing four views: top, side, and two bottom views.

Top View: A square with a circular hole in the center. The corners are chamfered. Dimensions include $\phi .130$ for the hole diameter and $.025$ for the corner radius. A note indicates: "MICROMATE INTERFACE TO ACCEPT ANY STANDARD MMCX PLUG".

Side View: A cross-section of the square. Dimensions include $\phi .160$ for the outer diameter, $.157$ REF for the total width, $.142$ for the inner width, $.045$ for the thickness of the top flange, $.026$ for the thickness of the bottom flange, and $.050$ for the width of the bottom flange.

Bottom-Left View: A layout of four signal pins and four ground pins. Dimensions include $.170$ for the overall width and $.035$ TYP. (2 PLACES) for the pin spacing. A note indicates: "SOLDER DIPPED PADS Sn96.5 .006 MAX THICKNESS 95% MIN COVERAGE".

Bottom-Right View: A layout of four signal pins and four ground pins. Dimensions include $.256$ for the overall width, $.070$ TYP. for the pin spacing, $.128$ for the pin diameter, $.145$ for the pin length, $.050$ TYP. for the pin width, $.055$ TYP. for the pin height, $\phi .031$ TYP. (THRU HOLE) for the pin hole diameter, $.070$ TYP. for the pin width, $.150$ for the pin spacing, and $\phi .051$ TYP. (PAD ONLY) for the pad diameter.

RECOMMENDED PCB LAYOUT
SCALE 8.000

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0,381 mm) ±.005 (0,127 mm) ± 1°			MATERIAL REFERENCE EAR 967196 0 GEN# ASSYFI-MMCX		DRAWN OWEN BARTHELMES		DATE 11/8/01		TITLE MICROMATE FEMALE SURFACE MOUNT (TAPE & REEL)			Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com			
ENGINEER P. BRENZEL		DATE 30 JUN 99													
APPROVED OWEN BARTHELMES		DATE 11/9/01													
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					SCALE: 15.0:1			SHEET 2 OF 3							