

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

A line drawing of a square electronic component, likely a microcontroller or integrated circuit. It has a circular top surface with concentric circles indicating a lid or a specific feature. The side of the component shows a notch or a specific pin configuration.

Technical drawing of a micromate interface, showing three views: top, side, and bottom.

Top View:

- Overall width: .157 REF
- Overall height: .160
- Inner width: .142
- Inner height: .130
- Corner radius: .025
- Distance from center to right edge: .026
- Distance from center to bottom edge: .050
- Label: MICROMATE INTERFACE TO ACCEPT ANY STANDARD MMCX PLUG

Side View:

- Overall width: .157 REF
- Overall height: .160
- Inner width: .142
- Inner height: .130
- Corner radius: .025
- Distance from center to right edge: .026
- Distance from center to bottom edge: .050
- Label: CORNERS REMOVED TO INDICATE "SIGNAL PIN"

Bottom View:

- Overall width: .170
- Overall height: .170
- Inner width: .030 TYP. (2 PLACES)
- Inner height: .030 TYP. (2 PLACES)
- Distance from center to right edge: .070 TYP.
- Distance from center to bottom edge: .128
- Distance from center to bottom edge: .145
- Distance from center to bottom edge: .256
- Distance from center to bottom edge: .050 TYP.
- Distance from center to bottom edge: .055 TYP.
- Distance from center to bottom edge: .070 TYP.
- Distance from center to bottom edge: .150
- Distance from center to bottom edge: .051 TYP. (PAD ONLY)
- Distance from center to bottom edge: .031 TYP. (THRU HOLE)
- Label: "GND PIN"
- Label: "SIGNAL PIN"
- Label: SOLDER DIPPED PADS Sn96.5 .006 MAX THICKNESS 95% MIN COVERAGE

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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						
NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol Corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights or permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.						ENGINEER P. BRENZEL		DATE 30 JUN 99										
						APPROVED OWEN BARTHELMES		DATE 11/9/01										
												CAD FILE I:\MMCX\908-22101-TCT			CODE ID 74868		DWG SIZE B	DRAWING NO. 908-22101-TCT
										SCALE: 15:0:1		SHEET		2 OF 3				