

NOTES:

1. MATERIALS AND FINISHES:
BODY - BRASS, NICKEL PLATING (.000100 MIN THICK)
CONTACT - BeCu, GOLD PLATING (.000030 MIN THICK)
INSULATOR - PTFE

2. ELECTRICAL:
A. IMPEDANCE: 75 OHM
B. FREQUENCY RANGE: DC - 4 GHz
C. VSWR(RETURN LOSS): 1.25 @ 1.5 GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -65° C TO 165° C

4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL, 903-651P-71P, AND DATE CODE"

903-651P-71P

DRAWING NO.

REV

DESCRIPTION

DATE

ECO

APPR

THIRD ANGLE PROJ.

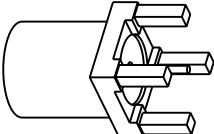
A

RELEASE TO MFG.

12/16/03

44735

KJC



SCALE 2.000

Technical drawing showing side and top views of the component with dimensions in inches and millimeters in brackets.

Side View Dimensions:

- Overall width: .471 [11,96] REF
- Contact width: .135 [3,43]
- Contact thickness: .020 [0,51]
- Contact spacing: .060 [1,52] SQ. TYP.
- Contact diameter: Ø .020 [0,51]
- Contact height: .200 [5,08] TYP

Top View Dimensions:

- Overall width: .250 [6,35] SQ.
- Overall height: .200 [5,08] TYP
- Contact width: .040 [1,02] SQ. TYP.

Notes:

- CONTACT FLUSH W/ LEGS ±.010 [0,25]

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	DRAWN K. CAPOZZI	DATE 06-Mar-03	TITLE SMB(F) 75 OHM HIGH DENSITY TO PCB		Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com		
		ENGINEER K. CAPOZZI	DATE 06-Mar-03					
	REFERENCE EAR #900 615X-1901-100	APPROVED O. BARTHELMES	DATE 12/16/03	CODE ID 74868		DWG SIZE B		DRAWING NO. 903-651P-71P
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