

1. DO NOT SCALE THIS DRAWING.
2. MATERIALS AND FINISHES:
 - BODY - BRASS, GOLD PLATING (.000010 THICK MIN) OVER NICKEL
 - CONTACT - BeCu, GOLD PLATING (.000030 THICK MIN) OVER NICKEL
 - INSULATOR - PTFE
3. ELECTRICAL:
 - A. IMPEDANCE: 50 OHM
 - B. FREQUENCY RANGE: DC - 6 GHz
 - C. VSWR(RETURN LOSS): -32 dB TO 3 GHz MAX.; -25 dB TO 6 GHz MAX.
(SINGLE CONNECTOR TERMINATED, NO PCB LAUNCH INCLUDED)
4. PHYSICAL:
 - A. DURABILITY: 100 CYCLES MIN.
 - B. TEMPERATURE RANGE: -40°C - +80°C
 - C. SUITABLE FOR SOLDER REFLOW PROCESSING
5. PACKAGING:
 - A. QUANTITY: SINGLE PACK
 - B. MARKING: BAG TO BE MARKED
"AMPHENOL, 930-102J-51P, AND DATE CODE"

A technical line drawing of a cylindrical component. It features a long cylindrical body on the left, a flange with a central hole on the right, and three pins protruding from the flange. The pins are of different lengths and are arranged in a triangular pattern. The drawing is a simple line art representation with no shading or color.

Technical drawing showing a cross-section of a mechanical assembly. The drawing includes the following dimensions and features:

- Overall length dimension: .420
- Dimension from the right face to the start of the last step: .155
- Dimension from the right face to the start of the second-to-last step: .062
- Dimension from the right face to the start of the third-to-last step: .009
- Dimension from the right face to the start of the fourth-to-last step: .030
- Internal features: A central hole with a diameter of $\varnothing .030$ and a fillet with a radius of $\varnothing .050$.
- Material: The assembly is made of a material with a cross-hatched pattern.

Technical drawing of a circular part, likely a cross-section of a hole or a small component. The drawing includes the following dimensions and features:

- Overall diameter: $\varnothing .312$
- Inner diameter (hole): $\varnothing .276 \pm .002$
- Inner diameter (smaller hole): $\varnothing .225 \pm .002$
- Top feature: A small square feature with a width of $.026 \pm .003$ and a height of $.013 \pm .002$. The feature is labeled "SQUARE TYP".
- Bottom feature: A small square feature with a width of $.026 \pm .003$ and a height of $.013 \pm .002$.
- Reference dimensions: $.125$ REF (distance from the center to the top feature) and $.249$ REF (distance from the center to the bottom feature).

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES $\pm .015$ (0,381 mm) $\pm .005$ (0,127 mm) $\pm 1^\circ$ 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.	MATERIAL REFERENCE EAR 554 615X-1777-100 GEN# ASSYFI_QMA	DRAWN K. CAPOZZI	DATE 28-FEB-02	TITLE QMA JACK PC MOUNT RECEPTACLE				Amphenol Amphenol Corporation Communication and Network Products Division Danbury, CT U.S.A. 06810	
		ENGINEER K. CAPOZZI	DATE 28-FEB-02					SCALE: 10.0:1 SHEET 2 OF 2	
		APPROVED O. BARTHELMES	DATE 12/18/02						
		CAD FILE I:\QMA\930-102J-51P			CODE ID 74868	DWG SIZE B	DRAWING NO. 930-102J-51P	REV B	

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