

# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
C	REV. DCN 32852	03/05	VMJ

## MATERIALS:

- INSULATORS: PTFE PER ASTM D1710, TYPE 1, GRADE 1, CLASS B.
- BODIES: BRASS PER ASTM B16, ALLOY UNS C36000, H02.
- CONTACT: BERYLLIUM COPPER PER ASTM B196, ALLOY C17300, COND. TD04
- SHRINK TUBING: POLYOLEFIN PER SAE AMS-DTL-23053/5-105-0

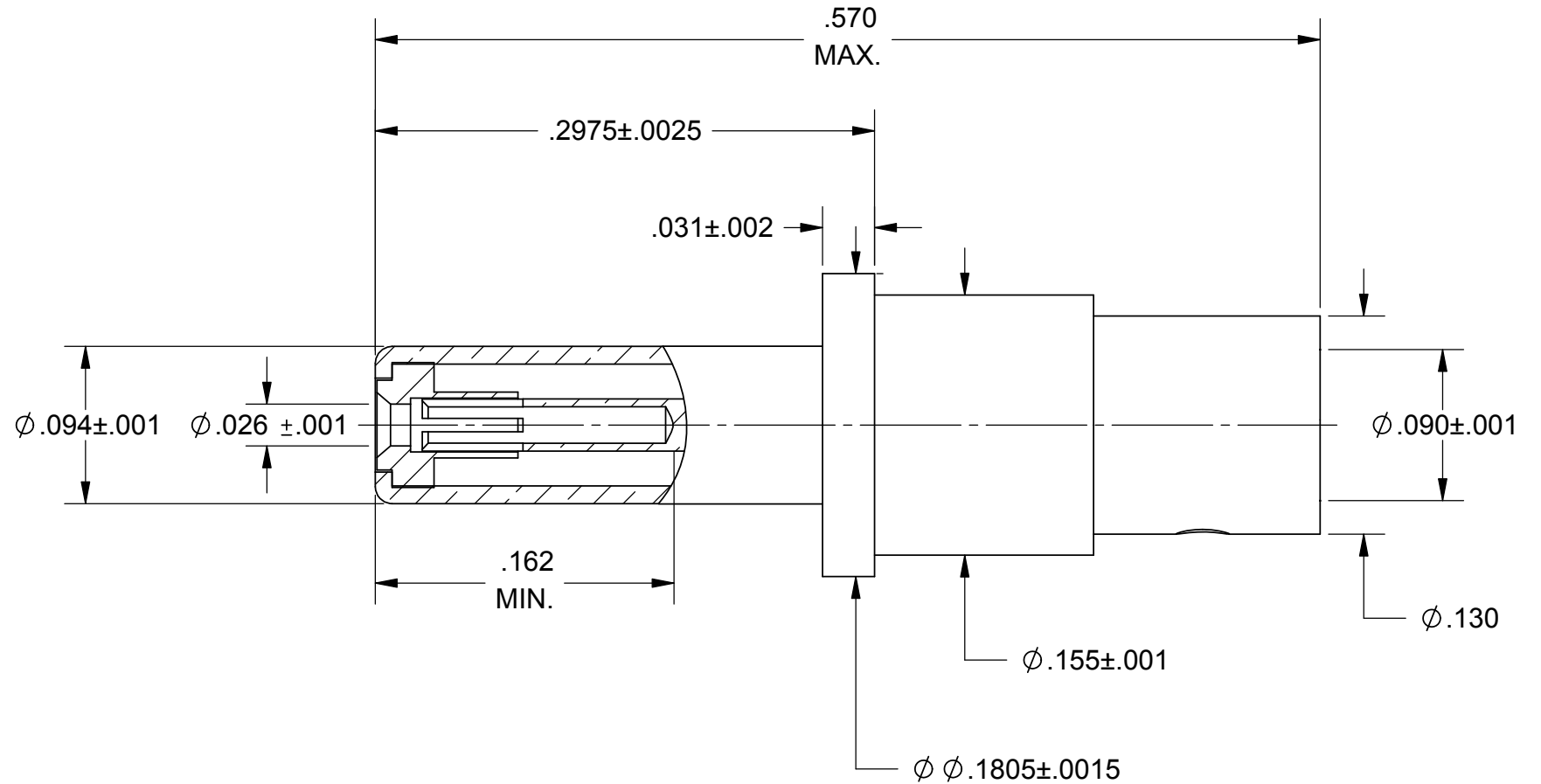
## FINISHES:

- BODIES & CONTACT: GOLD PER ASTM B488, TYPE II, GRADE C, CLASS 1.27 OVER NICKEL PER AMS-QQ-N-290 CLASS 1, .00005" MIN.

## ELECTRICAL:

- IMPEDANCE: 50 OHMS
- FREQ. RANGE: DC TO 3 GHz
- INSUL. RES.: 5,000 MEGOHMS MIN.
- D.W.V: 1,000 VRMS MIN.
- VSWR: 1.20 + .04 X F IN GHz
- INSERTION LOSS: .11 X SQUARE ROOT OF F(GHz)

(MAX FREQ. CAN BE LIMITED BY CABLE)



REF. AS39029/102 & MIL-DTL-38999 SERIES III

MATERIAL: SEE ABOVE	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1'0" X*X' ±15'	UNLESS OTHERWISE SPECIFIED 1) ALL DIMENSIONS ARE AFTER PLATING. 2) BREAK CORNERS & EDGES .005 R. MAX. 3) CHAM. 1ST & LAST THREADS. 4) SURFACE ROUGHNESS 63 √ MIL-STD-10. 5) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 6) REMOVE ALL BURRS	<b>SV Microwave, Inc.</b> 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409 TITLE: <b>SIZE 12 PIN FOR T-FLEX 405 CABLE</b>
FINISH: SEE ABOVE	DECIMAL: X ±.030 .XX ±.010 .XXX ±.005	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	
<b>PROPRIETARY</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SV MICROWAVE, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SV MICROWAVE, INC IS PROHIBITED.	THIRD ANGLE PROJECTION	DRAWN: VMJ 11/19/04	SIZE CAGE CODE DWG. NO.
		CHECKED: JMC 11/22/04	<b>B 95077 8001-4102</b>
		APPROVED: JMC 11/22/04	SCALE: 10:1
		E.M. SIMULATION: N/A	