

NOTES:

1. MATERIALS AND FINISHES:

BODY - BRASS - TIN PLATED  
 CONTACT - BeCu - BRIGHT TIN PLATED  
 FERRULE - BRASS - TIN PLATED  
 INSULATOR - POLYPROPYLENE

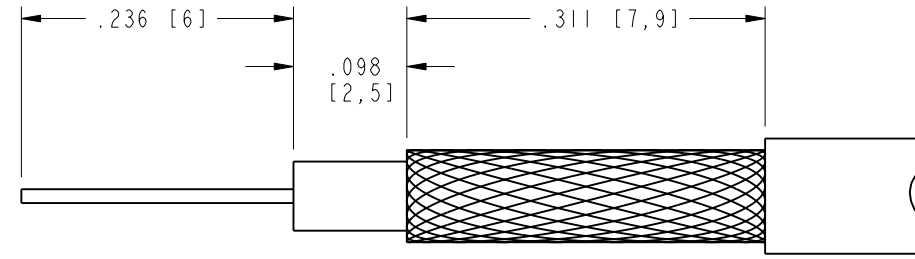
2. ELECTRICAL:

A. IMPEDANCE = 75 OHMS, NOMINAL  
 B. VSWR [RETURN LOSS] (DC-1.0 GHz) = 1.25 : 1 MAX. [19.1 dB]  
 (1.0-1.5 GHz) = 2.0 : 1 MAX. [9.5 dB]  
 C. INSERTION LOSS (DC-1.0 GHz) = 0.10 dB MAX.  
 (1.0-1.5 GHz) = 0.55 dB MAX.  
 D. DIELECTRIC WITHSTANDING VOLTAGE = 1500 VRMS  
 E. INSULATION RESISTANCE = 500 MEGOHMS MIN.

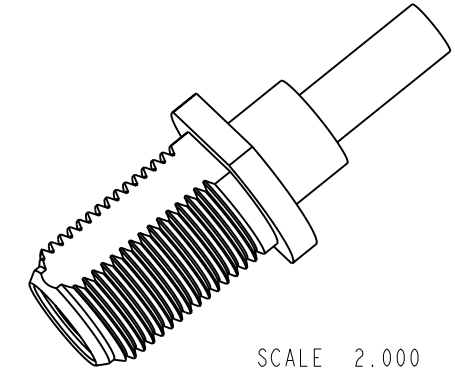
3. PHYSICAL:

A. OPERATING TEMPERATURE = -40°F TO +140°F (-40°C TO +60°C)  
 B. CENTER CONTACT TO ACCEPT  $\varnothing$ .022 TO  $\varnothing$ .042 PIN [ $\varnothing$ 0.56 TO  $\varnothing$ 1.07]  
 C. INTERFACE IS COMPATIBLE WITH SCTE IPS-SP-401 "F" PLUGS

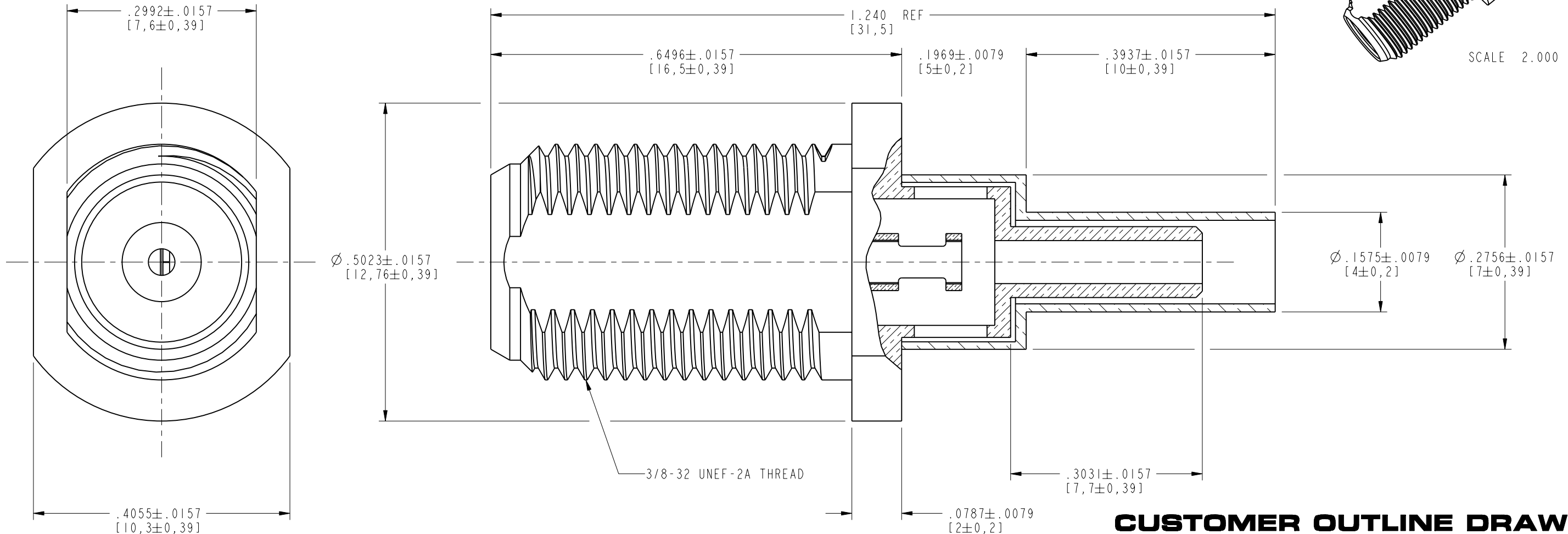
531-40078		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG	5/9/01	43761	BCG
	B	SEE SHEET 1	6/20/05	45590	CPM



SCALE 6.000  
 RECOMMENDED CABLE  
 STRIPPING DIMENSIONS



SCALE 2.000



**CUSTOMER OUTLINE DRAWING**  
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL ±.015 (0,381 mm) 3 PLACE DECIMAL ±.005 (0,127 mm) ANGLES ± 1°	MATERIAL	DRAWN C. McGRATH	DATE 5/9/01	TITLE 'F' RECEPTACLE, CRIMP TYPE, STRAIGHT FOR RG-179		Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com		
	REFERENCE EAR 967494-0 GEN# ASSYF10_F	ENGINEER B. GLEISSNER	DATE 5/9/01					
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		CAD FILE I:\CATV\F&G\531-40078						