

NOTES:

1. MATERIALS AND FINISHES:

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

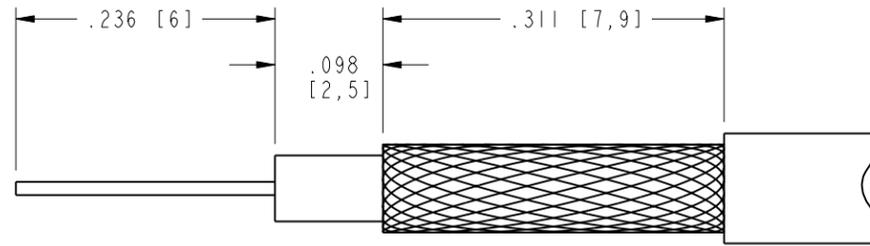
2. ELECTRICAL:

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:

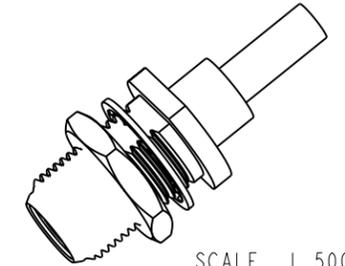
A. OPERATING TEMPERATURE = -40°F TO +140°F (-40°C TO +60°C)  
 B. CENTER CONTACT TO ACCEPT Ø.022 TO Ø.042 PIN [Ø0.56 TO Ø1.07]  
 C. INTERFACE IS COMPATIBLE WITH SCTE IPS-SP-401 "F" PLUGS

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

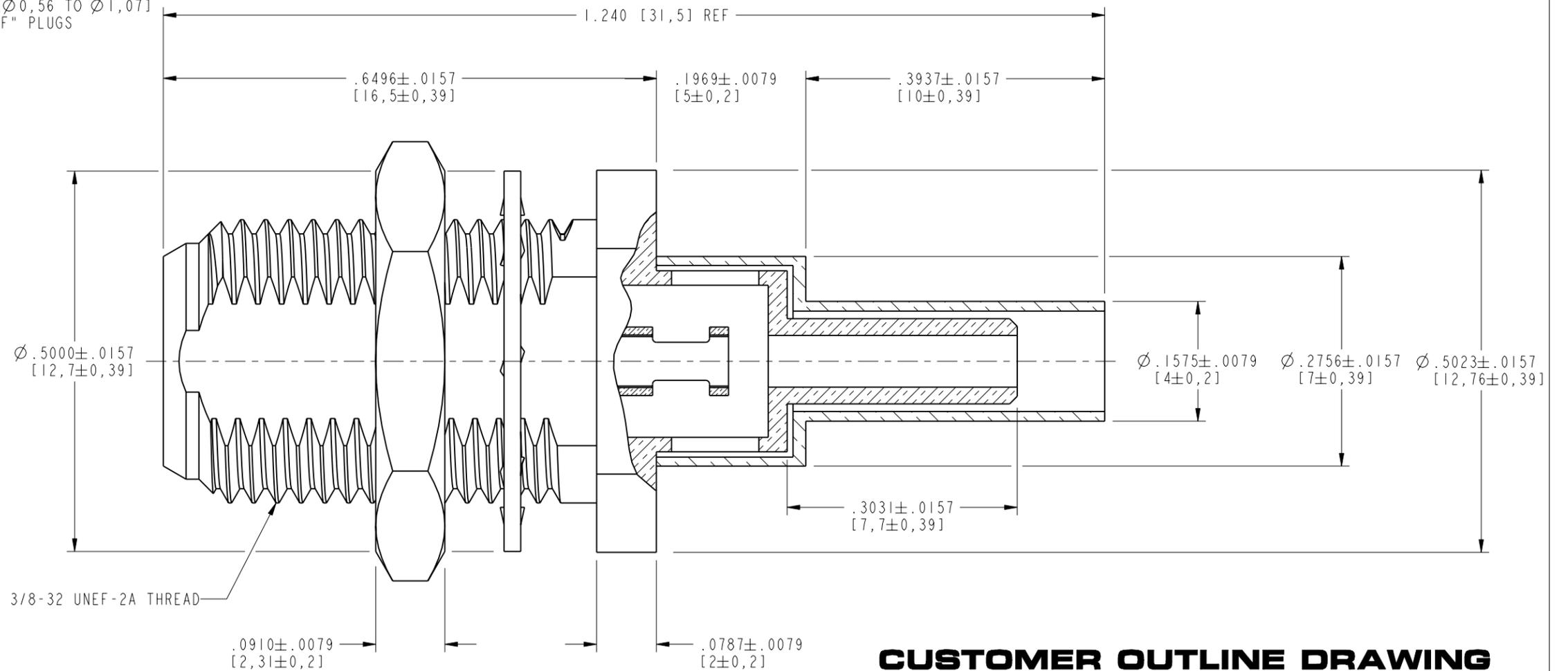
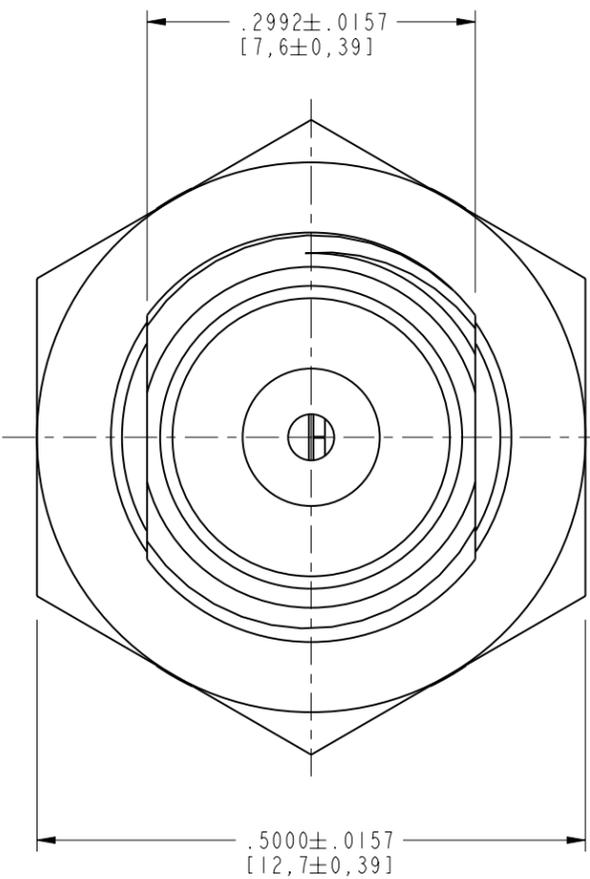


SCALE 6.000

RECOMMENDED CABLE STRIPPING DIMENSIONS



SCALE 1.500



3/8-32 UNEF-2A THREAD

**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°

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MATERIAL	DRAWN	DATE	TITLE
	C. McGRATH	5/9/01	'F' RECEPTACLE, CRIMP TYPE, STRAIGHT FOR RG-179, W/ HARDWARE
	ENGINEER	DATE	
	V. NGUYEN	5/9/01	
REFERENCE	APPROVED	DATE	
EAR 967494-0 GEN# ASSYF10_F	O. BARTHELMES	5/9/01	
	CAD FILE	CODE ID	DWG SIZE
	I:\CATV\F&G\531-40078-1	74868	B

DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
531-40078-1	B	SEE SHEET 1	6/20/05	45590	CPM

DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
531-40078-1	B	SEE SHEET 1	6/20/05	45590	CPM

Amphenol RF		SCALE: 6.0:1		SHEET 2 OF 2	
Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com					
DRAWING NO.	REV				
531-40078-1	B				