

NOTES:

1. MATERIALS AND FINISHES:

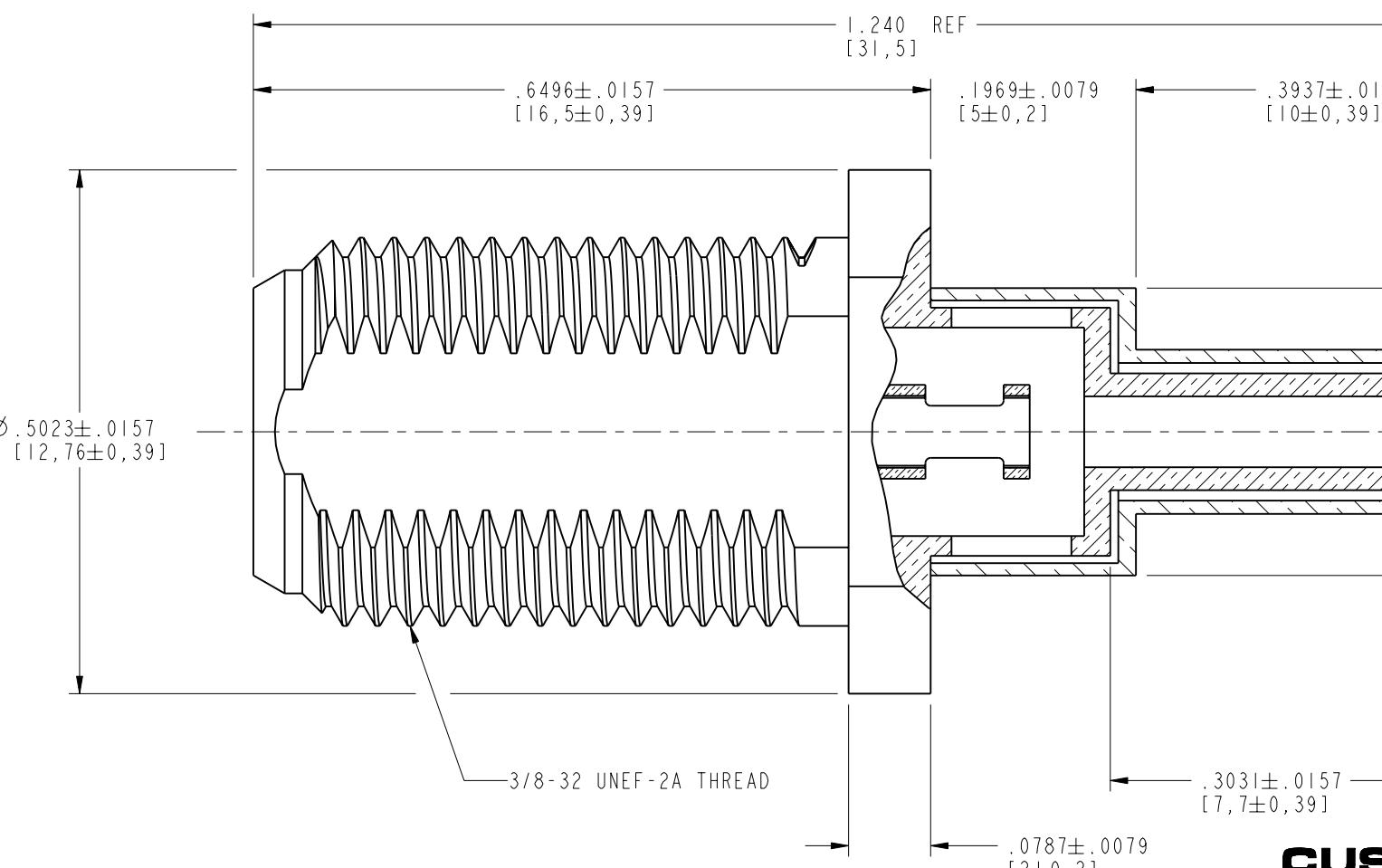
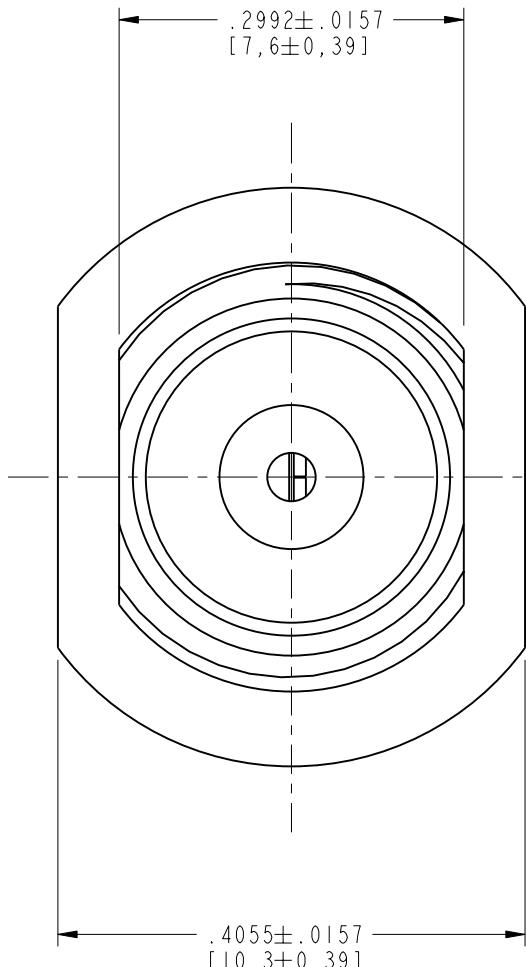
BODY	- BRASS	- TIN PLATED
CONTACT	- BeCu	- BRIGHT TIN PLATED
FERRULE	- BRASS	- TIN PLATED
INSULATOR	- POLYPROPYLENE	

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 ϕ .022 TO ϕ .042 PIN [ϕ 0.56 TO ϕ 1.07]
- C. INTERFACE IS COMPATIBLE WITH SCTE IPS-SP-401 "F" PLUGS



531-40078

DRAWING NO.

THIRD ANGLE PROJ.

REV

A

REVISIONS

DESCRIPTION

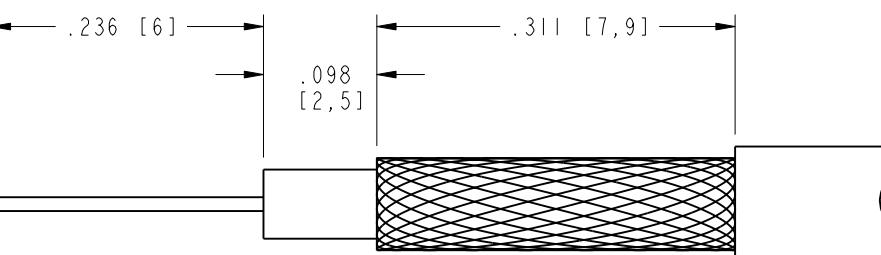
DATE ECO APPR

RELEASE TO MFG

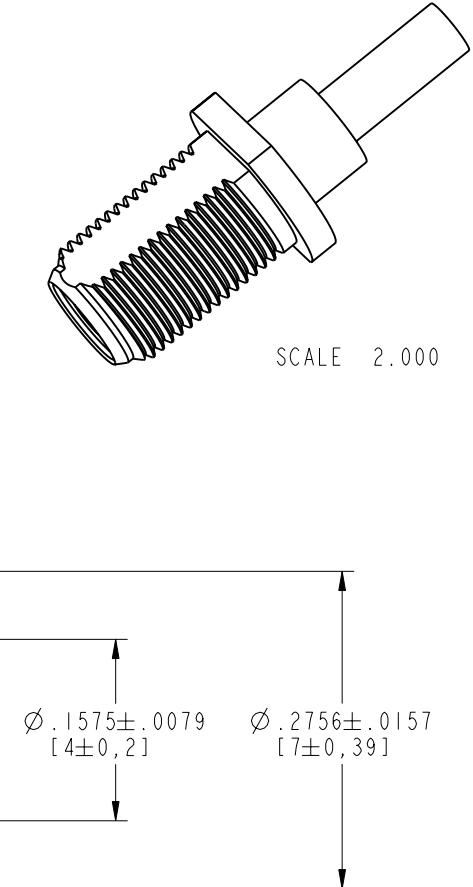
5/9/01 43761 BCG

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 3 PLACE DECIMAL ANGLES
 $\pm .015$ (0.381 mm) $\pm .005$ (0.127 mm) $\pm 1^\circ$

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MATERIAL

DRAWN

C. McGRATH

DATE

5/9/01

ENGINEER

DATE

B. GLEISSNER

5/9/01

REFERENCE

EAR 967494-0

GEN# ASSYF10_F

APPROVED

O. BARTHELME

DATE

5/9/01

CAD FILE

I:\CATV\F&G\531-40078

TITLE

'F' RECEPTACLE,
CRIMP TYPE, STRAIGHT
FOR RG-179

Amphenol RF

Danbury, CT, USA

Tainan, Taiwan

Shenzhen, China

www.amphenolrf.com

SCALE: 6.0:1 SHEET 2 OF 2

CODE ID DWG SIZE DRAWING NO.

74868

B

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REV

B

Mouser Electronics

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