

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Amphenol RF](#)
[531-40078](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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

DRAWING NO.

THIRD ANGLE PROJ.

REV

A

B

SEE SHEET 1

REVISIONS

DESCRIPTION

RELEASE TO MFG

DATE

5/9/01

6/20/05

ECO

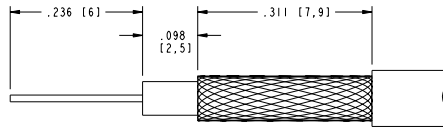
43761

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APPR

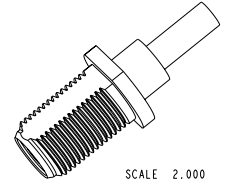
BCG

CPM

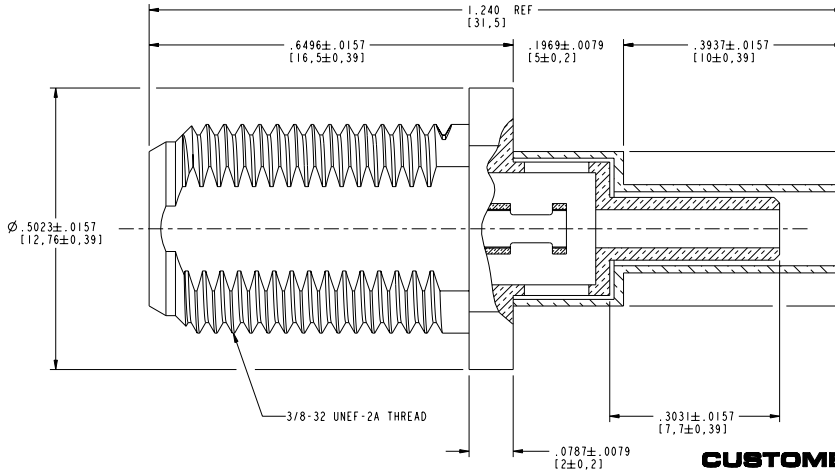
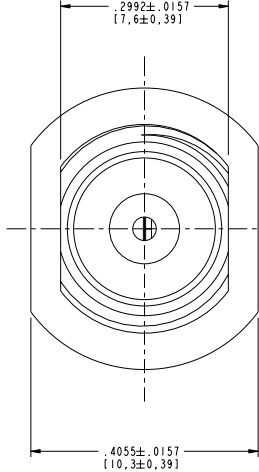


SCALE 6.000

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
±.015 (0.381 mm) ±.005 (0.127 mm) ± 1°

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MATERIAL

REFERENCE
EAR 967494-0
GEN# ASSYF10.F

DRAWN

C. McGRATH

ENGINEER

B. GLEISSNER

APPROVED

O. BARTHELMES

DATE

5/9/01

DATE

5/9/01

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

SCALE: 6.0:1 SHEET 2 OF 2

CAD FILE
1:\CATV\F&G\531-40078

CODE ID
74868

DWG SIZE
B

DRAWING NO.
531-40078

REV
B