

NOTES:

1. MATERIALS AND FINISHES:

- BODY - BRASS - NICKEL PLATED  
CONTACT - BeCu - TIN PLATED  
REAR CONTACT - BRASS - TIN PLATED  
FERRULE - COPPER ALLOY - NICKEL PLATED  
INSULATOR - PTFE

2. ELECTRICAL:

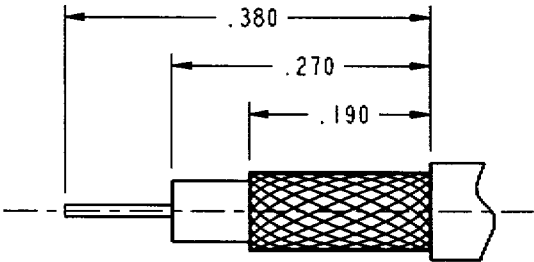
- A. IMPEDANCE = 75 OHMS, NOMINAL  
B. RETURN LOSS = 20 dB MINIMUM (DC TO 1.0 GHz)  
15 dB MINIMUM (1.0 TO 3.0 GHz)

3. PHYSICAL:

- A. OPERATING TEMPERATURE = -40°F TO +140°F

4. CABLE ASSEMBLY INSTRUCTIONS:

- A. USE RG-179 TYPE CABLE.  
B. SLIP THE FERRULE OVER THE CABLE.  
C. REFER TO THE CABLE STRIPPING DIMENSIONS TO PREPARE THE CABLE.  
D. SOLDER PIN TO CENTER CONDUCTOR, PIN MUST BUTT ON DIELECTRIC.  
E. USE 0.128 HEX TOOL TO CRIMP THE FERRULE AMPHENOL DIE SET P/N 227-1221-3.



CABLE STRIPPING DIMENSIONS

SCALE 5.000

531-40088

DRAWING NO.

THIRD ANGLE PROJ.

REV

A

B

REVISIONS

DESCRIPTION

RELEASE TO MANUFACTURING

SEE SHEET 1

DATE

12-Oct-00

10/24/00

ECO

43540

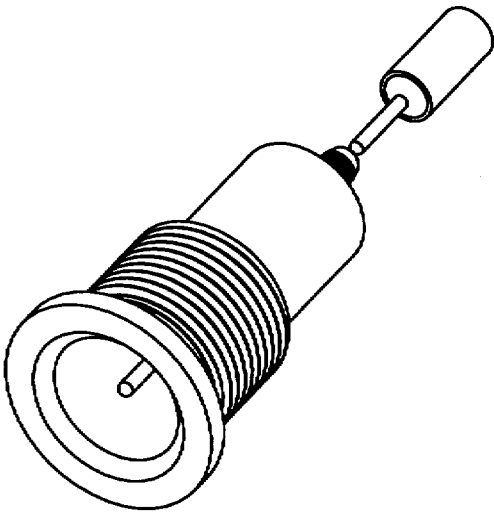
43568

APPR

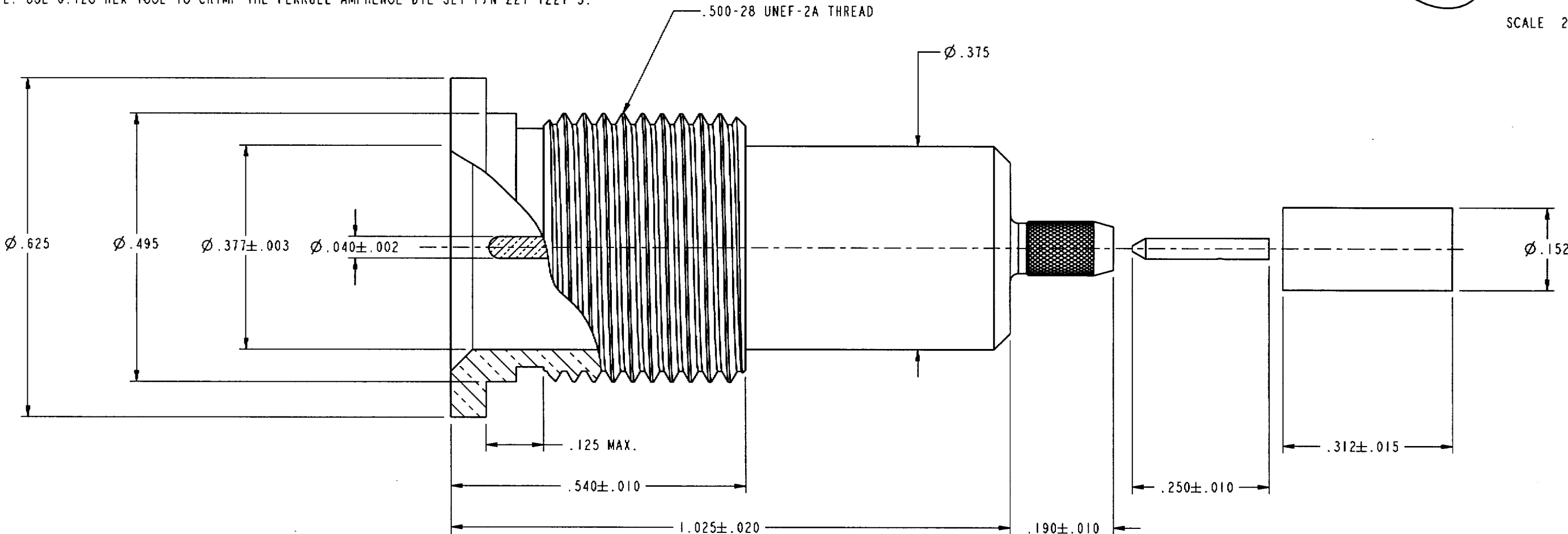
BCG

BCG

CUSTOMER OUTLINE DRAWING  
FOR REFERENCE ONLY



SCALE 2.000



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  
SCIENTIFIC ATLANTA  
616X-1039-100  
EAR# 967651-0  
GEN# ASSYMI\_G

DRAWN

B.C. GLEISSNER

ENGINEER

B.C. GLEISSNER

APPROVED

O. BARTHELMES

CAD FILE

I:\CATV\F&G\531-40088

DATE

29-Sep-00

DATE

29-Sep-00

DATE

06-Oct-00

TITLE

'G' PLUG,  
STRAIGHT, BULKHEAD  
FOR RG-179

Amphenol

Amphenol Corporation  
Communication and Network  
Products Division  
Danbury, CT U.S.A. 06810

SCALE: 5.0:1 SHEET 2 OF 2

CODE ID

74868

DWG SIZE

B

DRAWING NO.

531-40088

REV

B

# Mouser Electronics

Authorized Distributor

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