

NOTES:

1. MATERIALS AND FINISHES:

- BODY - ZINC DIE CAST, TIN PLATED
NUT & WASHER - BRASS, NICKEL PLATED
CONTACT - PHOSPHOR BRONZE, TIN PLATED
LOCKWASHER - PHOSPHOR BRONZE, NICKEL PLATED
CAP - BRASS, NICKEL PLATED
MEMBRANE SEAL - SILICONE RUBBER
INSULATOR - PTFE

2. ELECTRICAL:

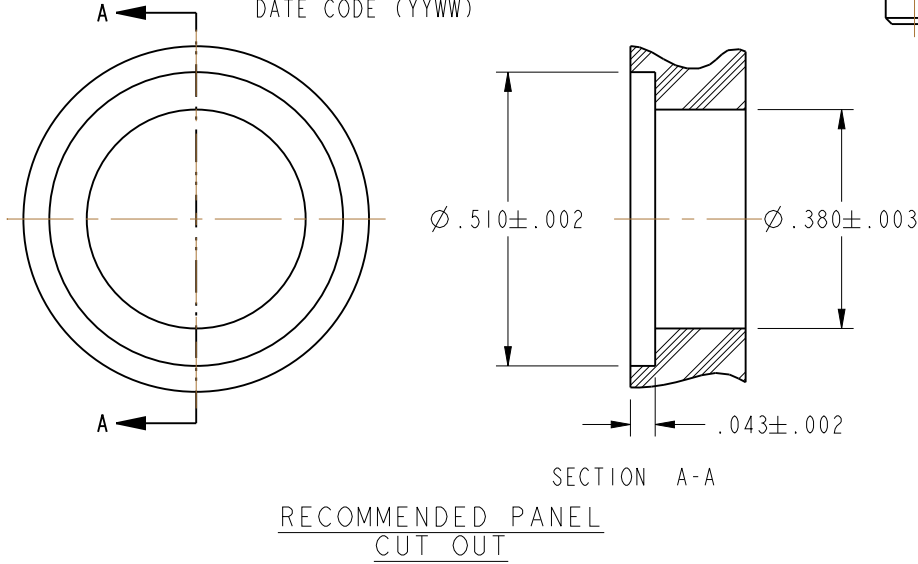
- A. IMPEDANCE = 75 OHM, NOMINAL
B. FREQUENCY RANGE = DC - 2.15 GHz
C. VSWR(RETURN LOSS) = 1.43 (15 dB), MAX. AT 1 GHz,
1.93 (10 dB) MAX. AT 2.15 GHz
D. INSERTION LOSS = 0.2 dB MAX. AT 1 GHz
0.46 dB MAX AT 2.15 GHz
E. CURRENT RATING = 3A MAX.

3. MECHANICAL:

- A. DURABILTIY = 500 CYCLES MIN.
B. TEMPERATURE RANGE = -65° C TO +165° C
C. SHORT DURATION TEMPERATURE = +260° C MAX
D. INTERFACE = MATES WITH PLUGS I.A.W. SCTE
E. IP67 IN THE UNMATED CONDITION

4. PACKAGING:

- A. QUANTITY: SINGLE PACK
B. BAG MARKING: AMPHENOL
531-40165
DATE CODE (YYWW)

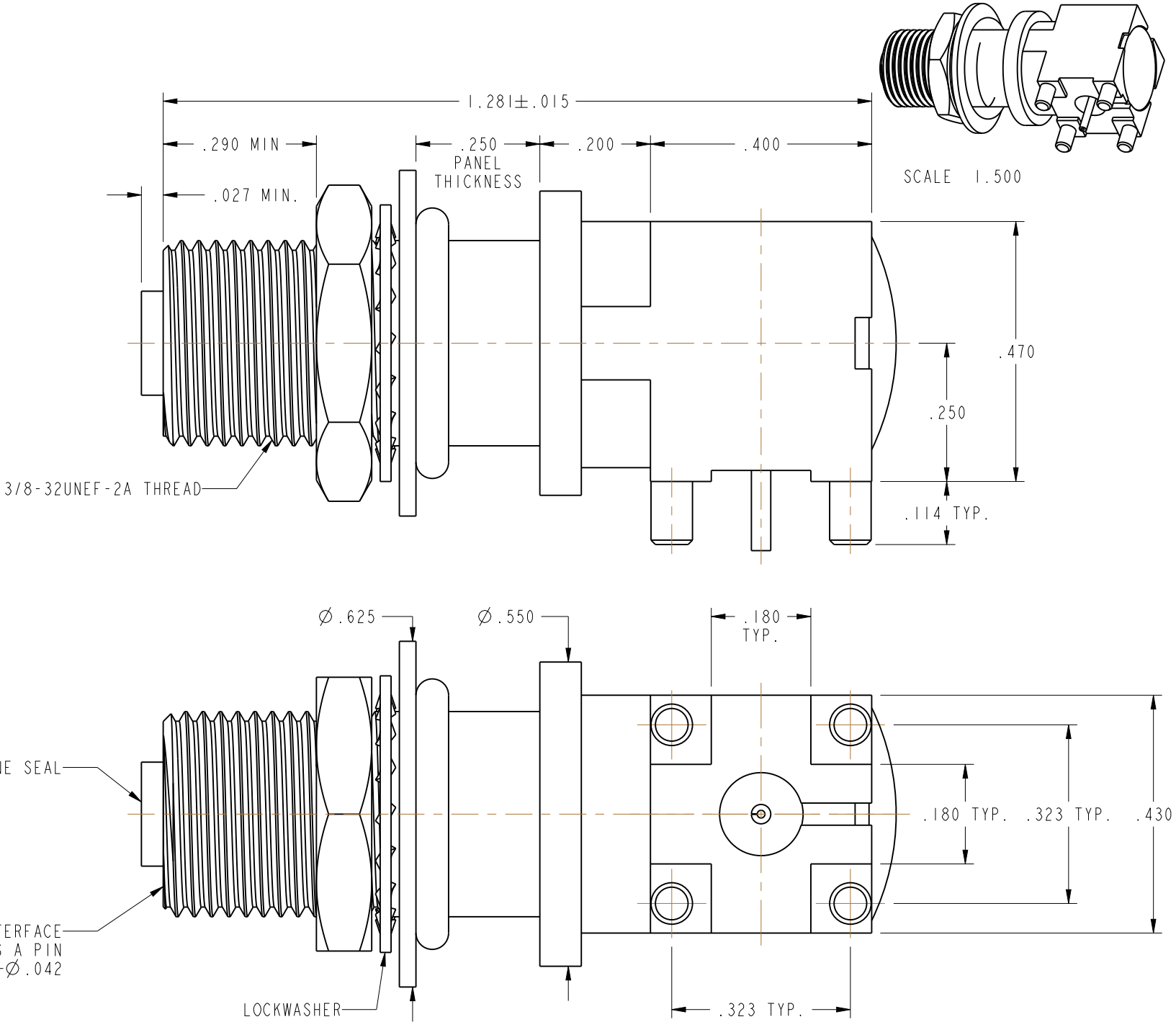


CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	10/6/03	44634	
B	ADDED VSWR SPEC TO 2.15 GHz, ADDED IP67 NOTE	4/16/13	49503	DD
C	ADDED EXPLODED VIEW, REVISED NOTE 7-B & BOM	3/20/15	50386	JN



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° NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.	MATERIAL		DRAWN		DATE		TITLE		Amphenol RF www.amphenolrf.com	
	SEE NOTES		D.DAVE		22-Mar-13					
			ENGINEER		DATE		F, JACK, R/A PCB MOUNTED, MOISTURE SEALED		DRAWING NO.531-40165	
			B.C. GLEISSNER		23-Apr-03					
	REFERENCE		APPROVED		DATE		SCALE: 4.0:1.0		SHEET 2 OF 2	
968 AND 616X-1107-100		K. CAPOZZI		4/16/13		DWG SIZE		REV		
CONFIGURATION LEVEL:		CAD FILE				B		B		
FINISH										
						</				