

NOTES: UNLESS OTHERWISE SPECIFIED

1. TEST PER ANTENNA ELECTRICAL SPECIFICATIONS.  
(SEE PCTEL CATALOG FOR DETAIL)

FREQUENCY RANGE: 740-960 MHz &  
1710-2500 MHz

NOMINAL IMPEDANCE: 50 Ohms

NOMINAL GAIN (ANTENNA ONLY): 3 dBi @ 740-960 MHz  
4 dBi @ 1710-2500 MHz

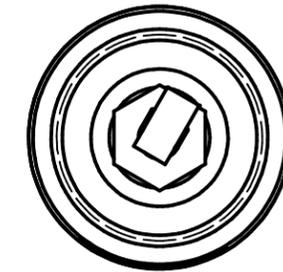
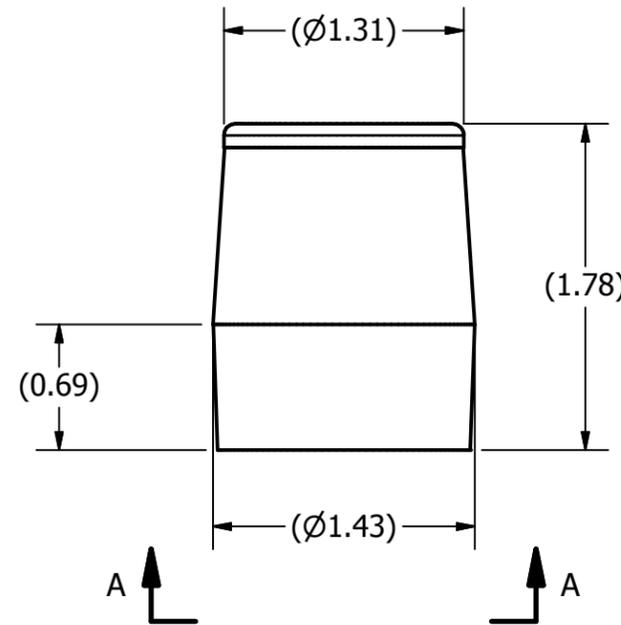
TYPICAL EFFICIENCY: 49% @ 798 MHz  
40% @ 896 MHz  
40% @ 1850 MHz  
36% @ 1990 MHz  
31% @ 2498 MHz

MAX POWER: 150 WATTS

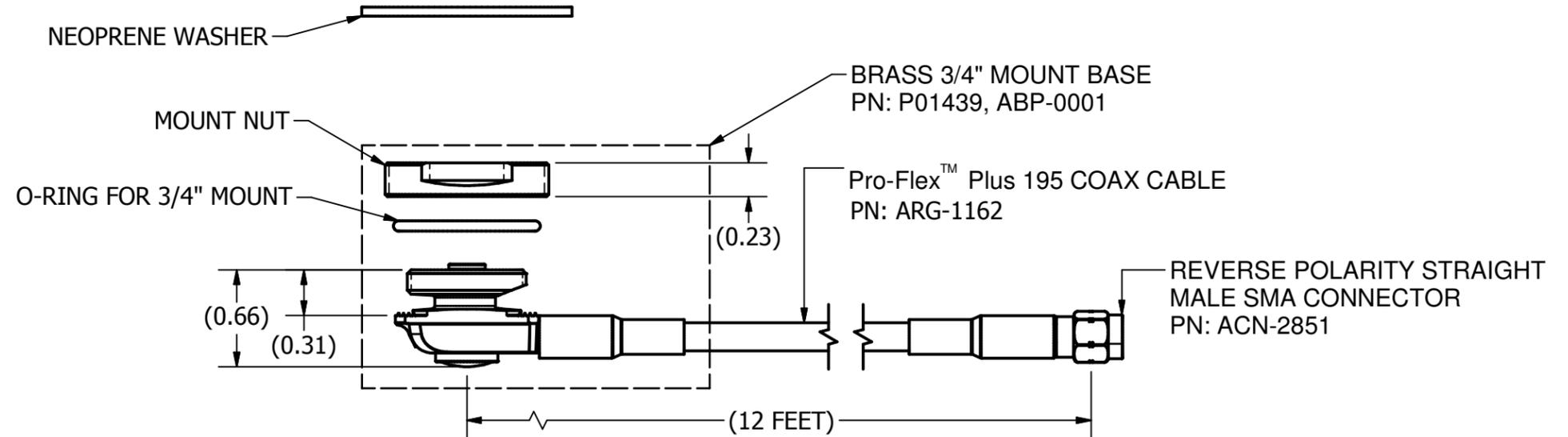
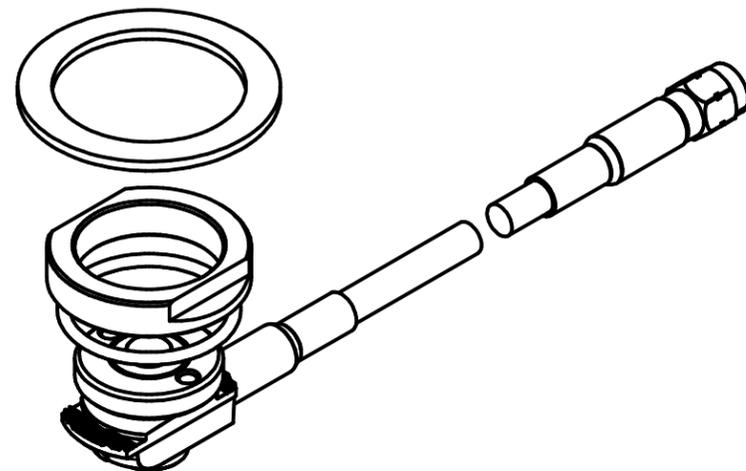
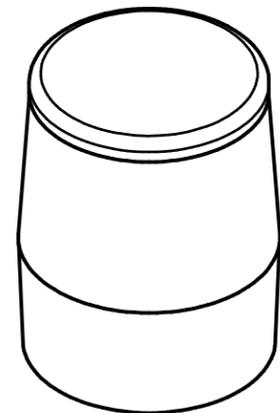
VSWR (MAX) < 2.0:1

2. DIMENSIONS IN PARENTHESIS ARE FOR REFERENCE ONLY AND NO TOLERANCE IS IMPLIED.

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	OUTLINE DIMENSIONAL DRAWING RELEASED	03MAR11	ML



SECTION A-A  
BOTTOM VIEW (WITH TAB)  
SCALE 1 : 1



SUPPLIER PRINT ACCEPTANCE:	
<input type="checkbox"/> Accept drawing/specification: No changes needed: <input type="checkbox"/> This part is RoHS compliant <input type="checkbox"/> This part is REACH compliant <input type="checkbox"/> Accept drawing/specification. Notes/Mark-ups added <input type="checkbox"/> Cannot accept drawing/spec. Notes/Mark-ups added Supplier Projected Outgoing Quality: SIGMA LEVEL : _____ or PPM: _____ Signature _____ Date: _____	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
FOR TOLERANCES NOT SPECIFIED USE: X.X in ± .1 in, X.XX in ± .01 in, X.XXX in ± .005 in ANGULAR ± 1°, FRACTIONAL ± 1/64
THIRD ANGLE PROJECTION 
PROPRIETARY DATA THE INFORMATION CONTAINED IN THIS DOCUMENT IS OF A PROPRIETARY NATURE AND MAY NOT BE USED OR REPRODUCED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF PCTEL INC., BLOOMINGDALE, IL 60108

DRAWN IP	DATE 3/3/2011
CHECKED	DATE
APPROVED	DATE
MATERIAL: SEE COMPONENT PRINTS	
FINISH: SEE COMPONENT PRINTS	

	PCTEL, INC. BROADBAND TECHNOLOGY GROUP ANTENNA PRODUCTS 471 BRIGHTON DRIVE BLOOMINGDALE, IL 60108 PH. 630-372-6800 FAX. 630-372-8077	
	DESCRIPTION PCTEL P/N: BMLPVB800/1900S-HE + MLF-12-144-S2-A (Z3422), IMPROVED LINEARITY ANTENNA	
DRAWING NO. ODD_FT7651A		
SIZE B	SCALE 1:1	SHEET 1 OF 1