

NOTES:

1. MATERIALS AND FINISHES:

FRONT BODY - BRASS, GOLD PLATING (.000010" THICK MIN)
REAR BODY - ZINC, GOLD PLATING (.000003" THICK MIN)
CONTACT - BeCu, GOLD PLATING (.000030" THICK MIN)
INSULATORS - PTFE, NATURAL

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM, NOMINAL
B. FREQUENCY RANGE: DC - 6 GHz
C. VSWR(RETURN LOSS): DC - 3 GHz 1.05 (32 dB), MAX.
3 - 6 GHz 1.08 (28 dB), MAX.
D. D.W.V.: 500 VRMS, MIN.

3. MECHANICAL:

A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -65° C TO 165° C

QMA INTERFACE
PER AMPHENOL SPEC.
349-50692

8 [.315] HEX NUT
PACKAGED UNASSEMBLED

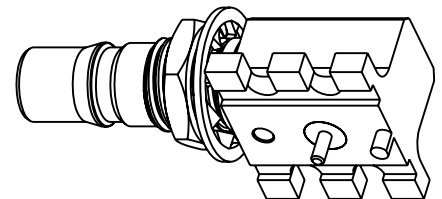
LOCKWASHER
PACKAGED UNASSEMBLED

1/4-36UNS-2A

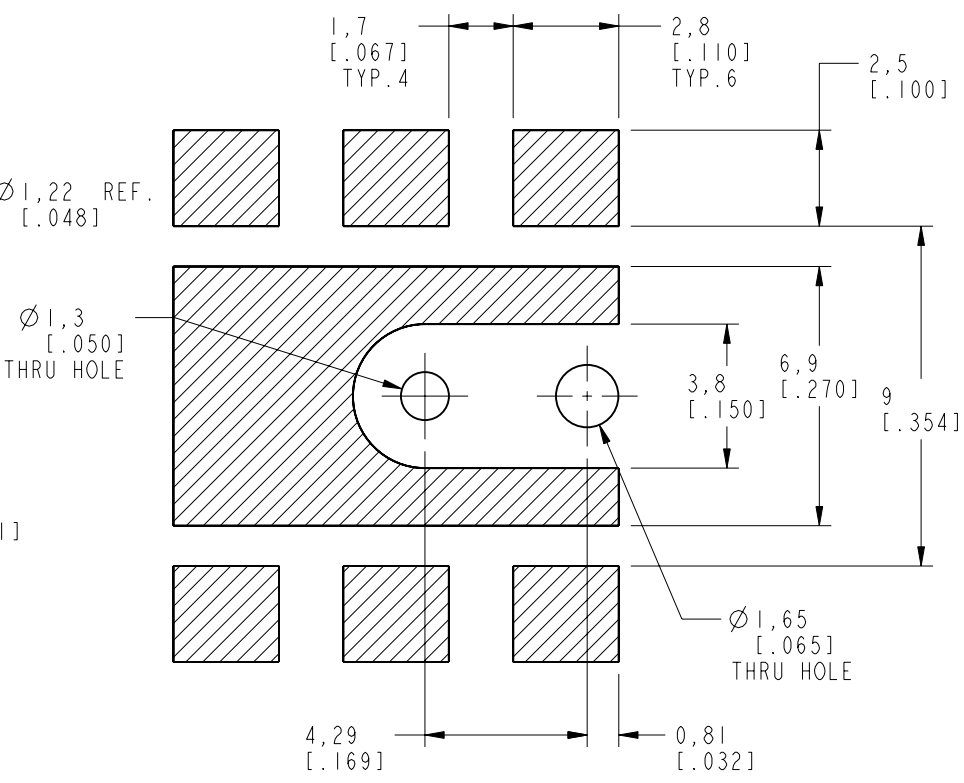
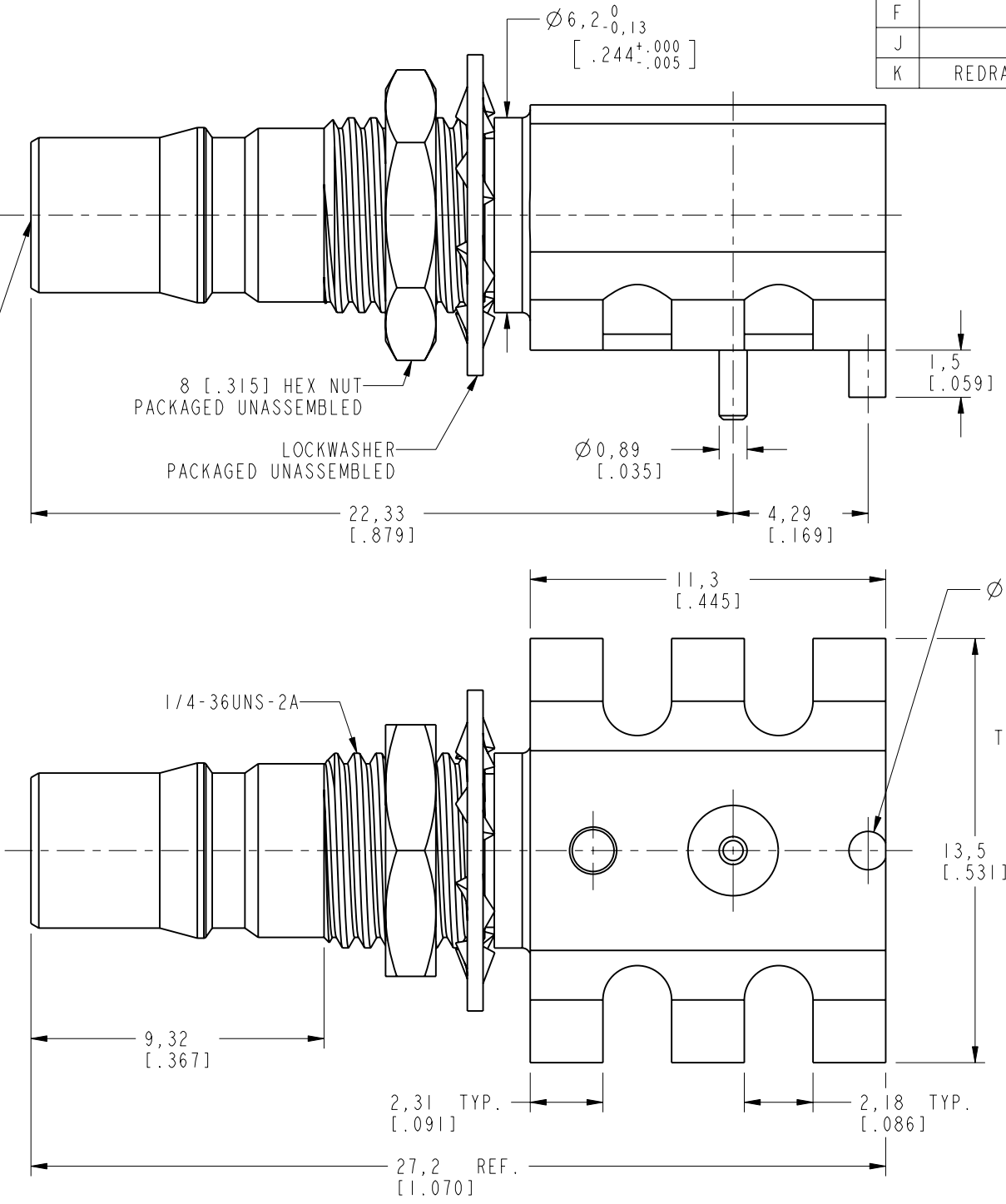
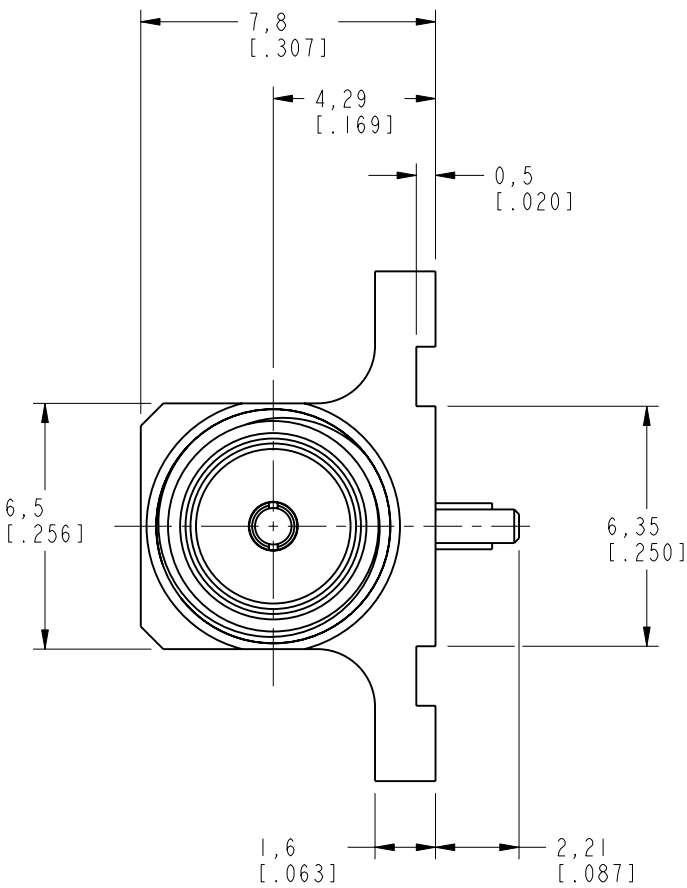
THIRD ANGLE PROJ. 

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
B	SEE SHEET 1	20-Mar-07	-----	AW
E	SEE SHEET 1	25-Dec-08	-----	SH
F	Ø1.22 WAS R0.61\RD-DM08121902K	26-Dec-08	-----	SH
J	SEE SHEET 1\RD-DM10020801K	25-Jun-10	48139	SH
K	REDRAWN IN THE PRO-E & UPDATE PCB LAYOUT\N/A	18-Feb-17	50588	HP



SCALE 2.000



RECOMMENDED PCB LAYOUT

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm ±0.05mm 0.5 - 6mm ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ±0.3mm ANGLES ±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 SEE NOTES	DRAWN M. ZHANG	DATE 01-Jun-15	TITLE QMA RECEPTACLE SURFACE MOUNT		Amphenol RF www.amphenolrf.com	
		ENGINEER G. WANG	DATE 20-Mar-07				
		REFERENCE EAR #802 ASSYF3_QMA 615X-1861-100	DATE 01-Jun-15	SCALE: 5.0:1.0 SHEET 2 OF 2		DRAWING NO. 930-111J-51P	
		FINISH	CAD FILE	DWG SIZE B	REV K	ITEM NO. 930-111J-51P	
						PART NO. 930-111J-51P	