NOTES:

1. MATERIAL AND FINISH:

BODY	BRASS, ALBALOY PLATING OVER SILVER
CONTACT PIN	BRASS, GOLD PLATING
INSULATOR	PTFE, NATURAL

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC-10 GHz
C. RETURN LOSS: 30 dB MIN.@ DC-4 GHz
25 dB MIN.@ 4-6 GHz
D. INSERTION LOSS: $0.03X\sqrt{f(GHz)}$ dB MAX.
E. INSULATION RESISTANCE: 5 GOHM MIN.
F. POWER HANDLING: 200 W MAX.@ 2.2 GHz AT 20°C
G. INTERMODULATION(3rd ORDER): -160 dBc MAX. @ 2X43 dBm

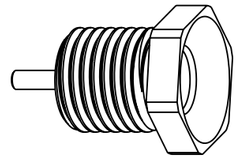
3. MECHANICAL:

A. TEMPERATURE RANGE: -65°C TO +165°C

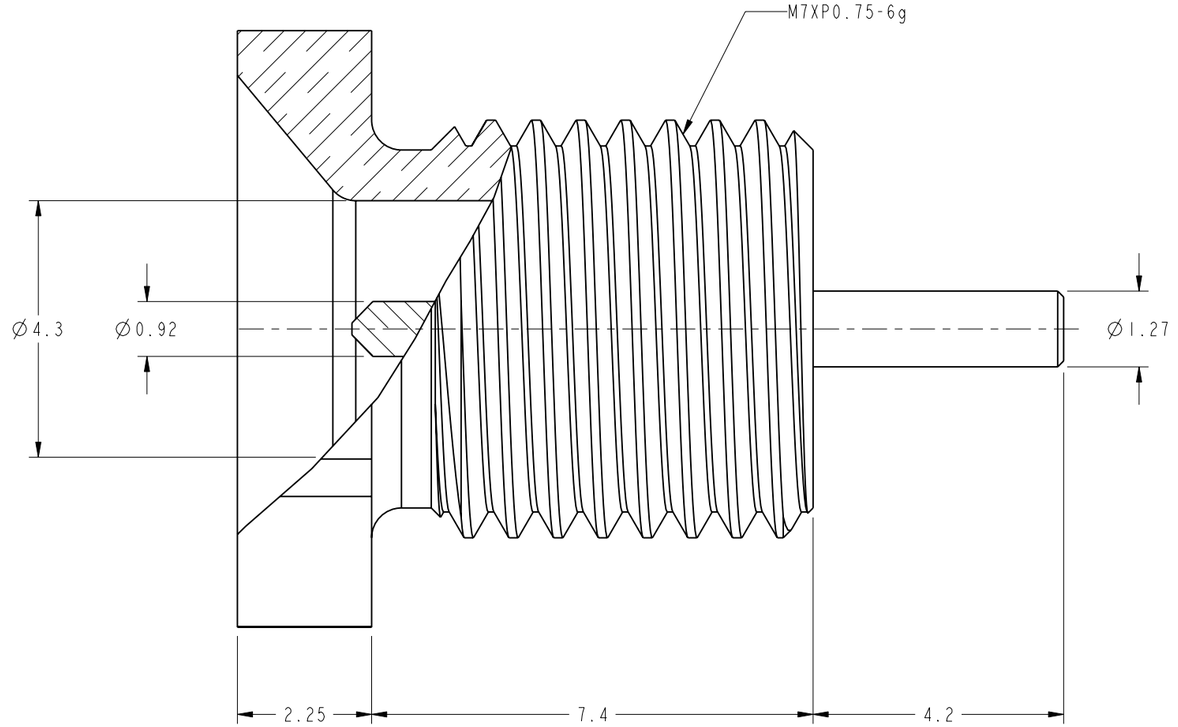
THIRD ANGLE PROJ.

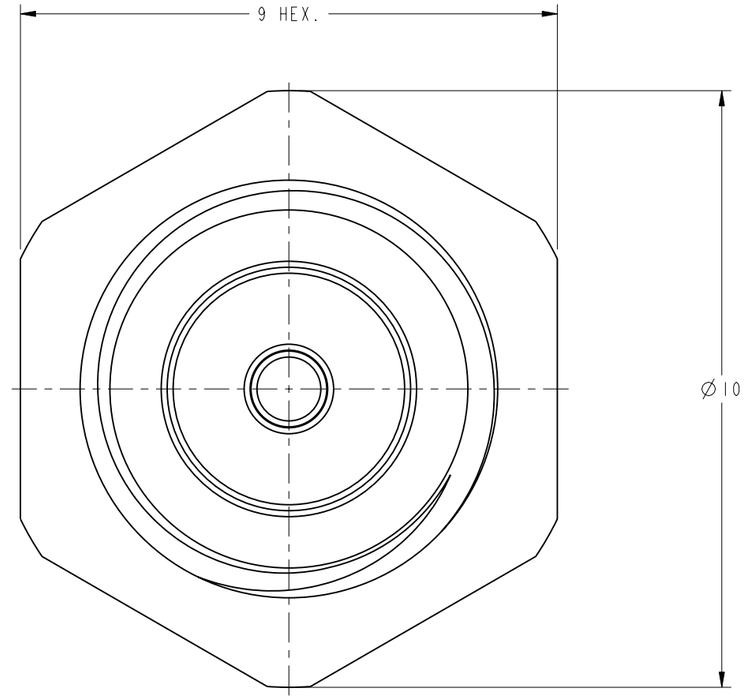
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	21-Aug-13	-----	CC
B	TITLE WAS CHANGED, ADDED PART NO.: PSMP-MSSB-CSB	29-Oct-15	-----	AY
C	CONTACT PIN WAS CHANGED	23-Nov-15	50841	BCG



SCALE 2.500





CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

<0.5mm	0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
± 0.05mm	±0.1mm	±0.2mm	± 0.3mm	±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

REFERENCE
EAR04995
119S643-500N5
CONFIGURATION LEVEL:

FINISH

DRAWN	TANGOR	DATE 23-Nov-15
ENGINEER	RICKSON	DATE 23-Nov-15
APPROVED	RICKSON	DATE 23-Nov-15
CAD FILE		

TITLE
POWER-SMP, MALE
SMOOTH BORE

SCALE: 10.0:1.0 | SHEET 2 OF 2

DWG SIZE B | REV C

Amphenol RF
www.amphenolrf.com

DRAWING NO. PSMP1351A1-006-AT8GPA-50
ITEM NO. 671351AAF06BT5F
PART NO. PSMP-MSSB-CSB

Unikeyic Electronics

Global Electronic Components Distributor

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68001-108HLF D15P13A6RV12LF 70234-112LF 86093488314745V1LF 91614-403ALF DEM09P032N RJE061661210 DCMF37P LD25S33E4GV00LF 68000-236HLF 69192-408HLF 76384-316LF RJSBE5080C2 67996-204HLF 86130202123355E1LF LD15P33E4GV00LF 68002116HLF 86093967896755LF 54202-S08-07LF 68001-200HLF 70218-1116LF 70430-164LF 86093968191755E3LF 86093968813H45V1LF 863013A CD15S13E4RV09LF 54202-G0805CLF 95157-140LF DAPO15S365TLF 65781-158