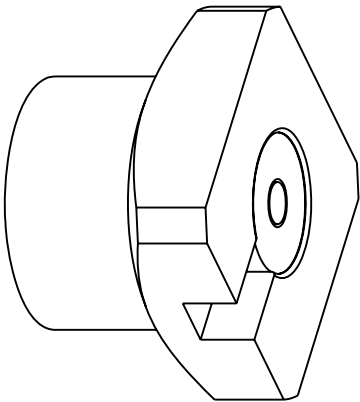


NOTES:

1. MATERIALS AND FINISHES:
BODY - BRASS, GOLD PLATING
CONTACT - BeCu, GOLD PLATING
INSULATOR - PTFE
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 26.5 GHz
C. VSWR(RETURN LOSS): 1.10 (26.4 dB), MAX. DC - 6 GHz
1.15 (23.1 dB), MAX. 6 - 10 GHz
1.30 (17.7 dB), MAX. 10 - 18 GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 335 VRMS, MIN.
3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. ENGAGEMENT FORCE: 10 LBS [45 N] MAX.
C. DISENGAGEMENT FORCE: 2 LBS [9 N] MIN.
D. INNER CONTACT RETENTION FORCE: 1.5 LB [7 N] MIN.
E. TEMPERATURE RANGE: -65° C TO 165° C

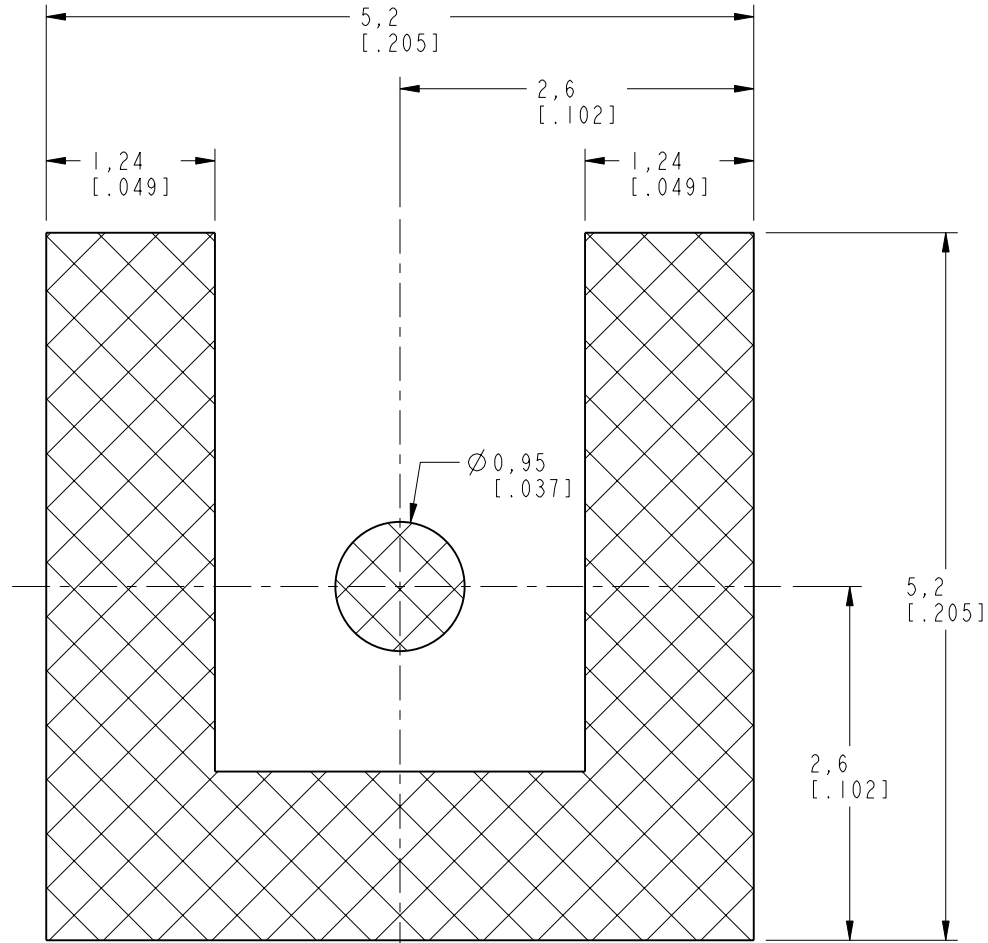
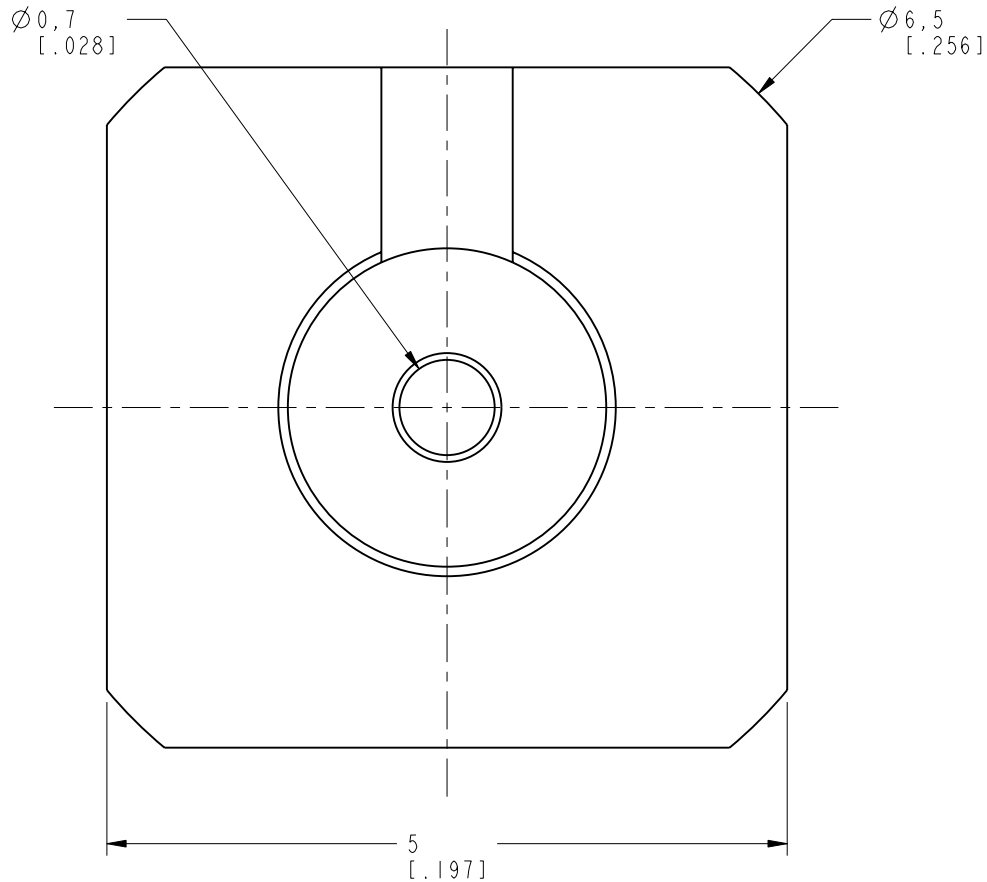
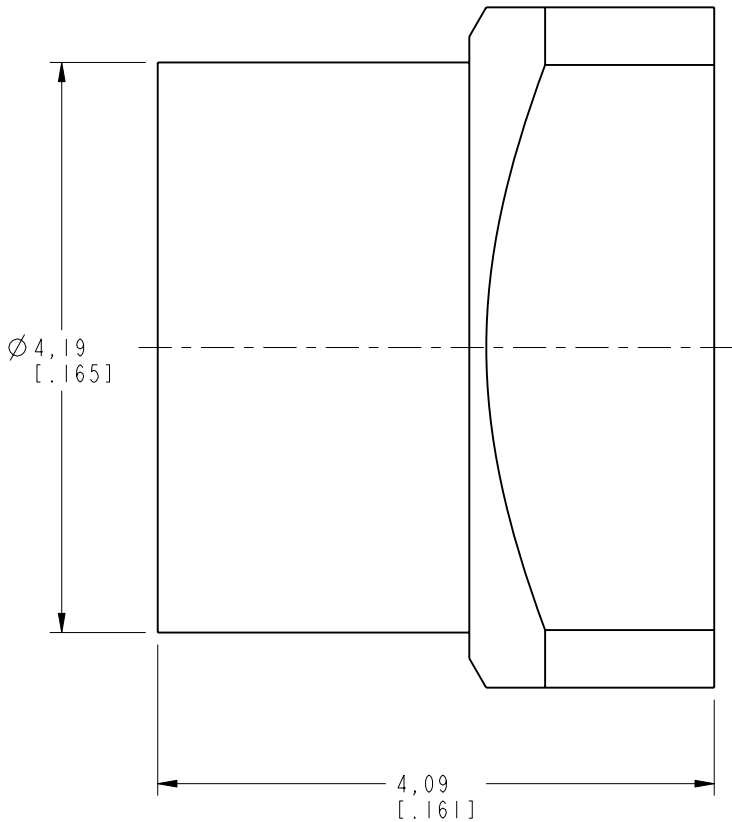
4. PACKAGING:
A. SINGLE PACK.
B. MARK BAG OR TAG "SMP-MSLD-PCS-18 DATA CODE"

THIRD ANGLE PROJ.



SCALE 8.000

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	29-Jul-19	12481	SV



RECOMMENDED PCB PAD LAYOUT

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 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 SEE NOTES	DRAWN S. DUAN	DATE 6-Aug-19	TITLE SMP JACK PCB SMT RECEPTACLE LIMITED DETENT		Amphenol RF www.amphenolrf.com	
	REFERENCE	ENGINEER S. DUAN	DATE 6-Aug-19				
	EAR# 8532	APPROVED S. HSIEH	DATE 12-Aug-19			SCALE: 18.0:1.0	SHEET 2 OF 2
	REF:	CAD FILE	DWG SIZE B		REV A		
	CONFIGURATION LEVEL: In Work						
	FINISH						
					DRAWING NO. SMP-MSLD-PCS-18		
				ITEM NO. SMP-MSLD-PCS-18			
				PART NO. SMP-MSLD-PCS-18			