

D

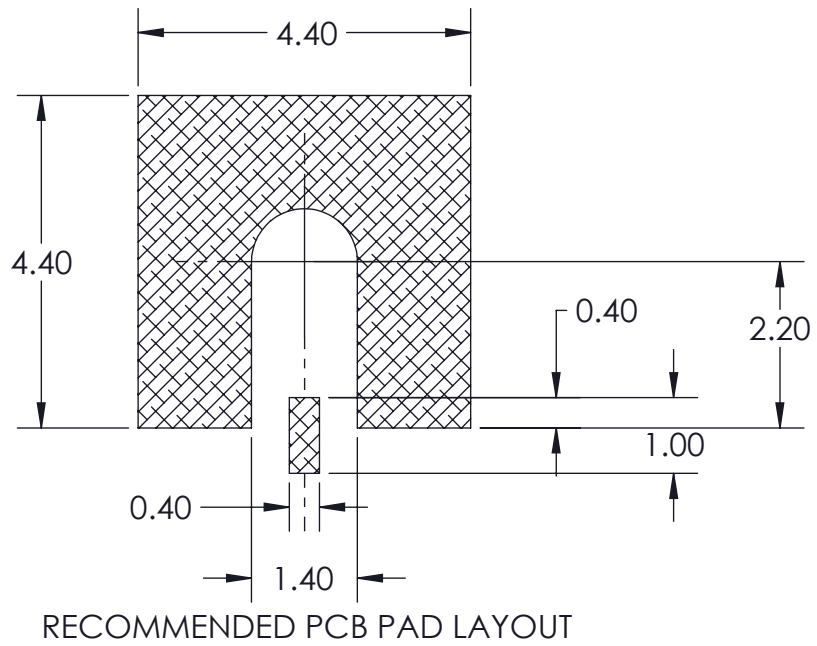
C

B

A

SPECIFICATIONS: ELECTRICAL RATINGS

IMPEDANCE	50 Ohm
FREQUENCY RANGE	DC TO 65 GHz
RETURN LOSS	≥ 19 dB, DC TO 26.5 GHz ≥ 13 dB, 26.5 TO 40 GHz ≥ 9 dB, 40 to 60 GHz
INSERTION LOSS	> 0.05 x sqr root f(GHz), DC TO 26.5 GHz
INSULATION RESISTANCE	≥ 5GΩ
CONTACT RESISTANCE CENTER CONTACT OUTER CONTACT	≤ 6.0mΩ ≤ 2.0 mΩ
WORKING VOLTAGE (AT SEA LEVEL) (AT 70000 FEET)	325 V rms 125 V rms



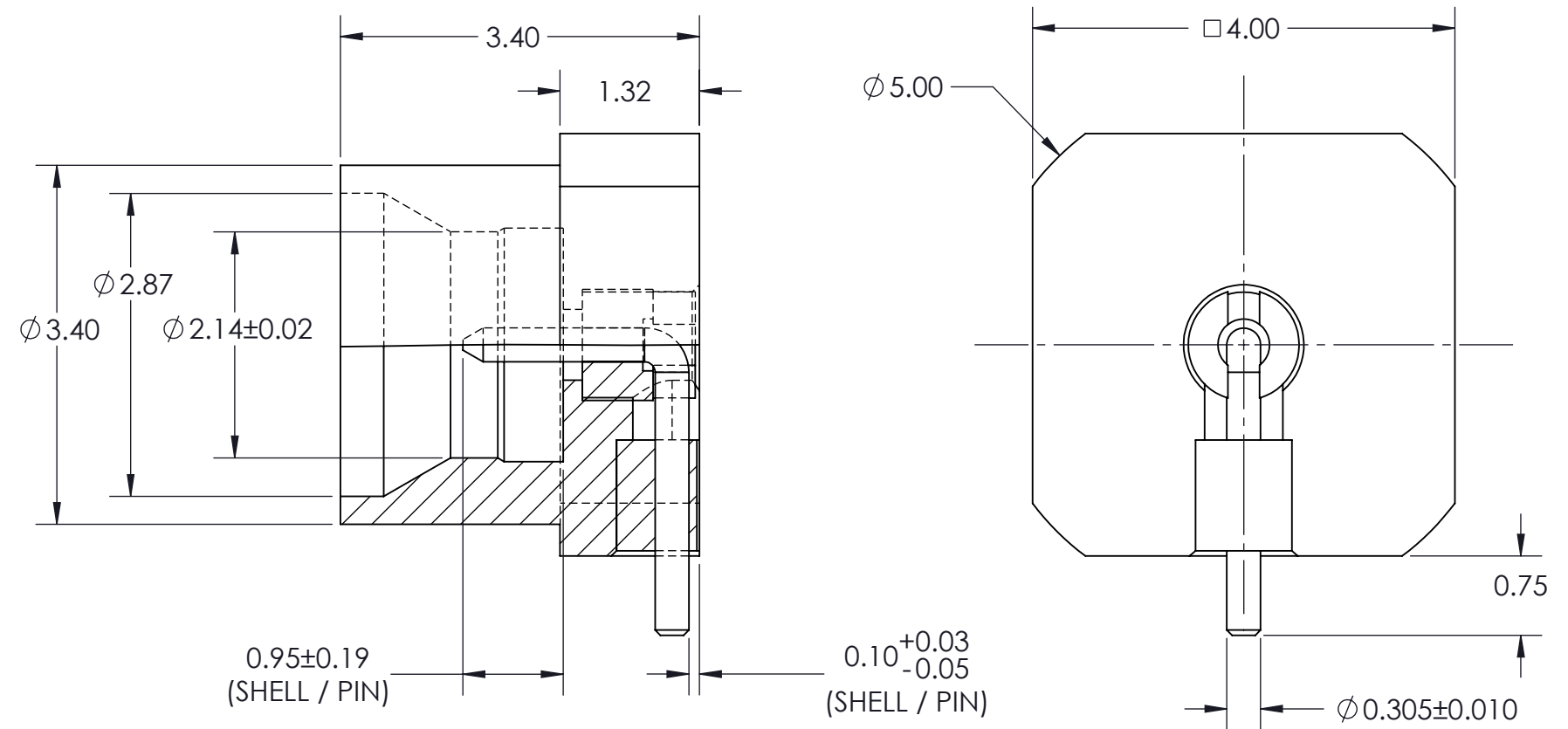
3

2

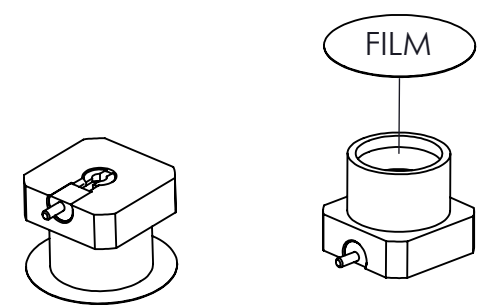
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REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	09/11/25	P VOLKOV



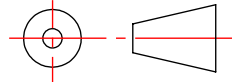
TM14-0053-00TR	TAPE & REEL 2000pcs / REEL
TM4-0053-00	TRAY , 800 PCS / 400 HOLES
PART NO.	PACKING



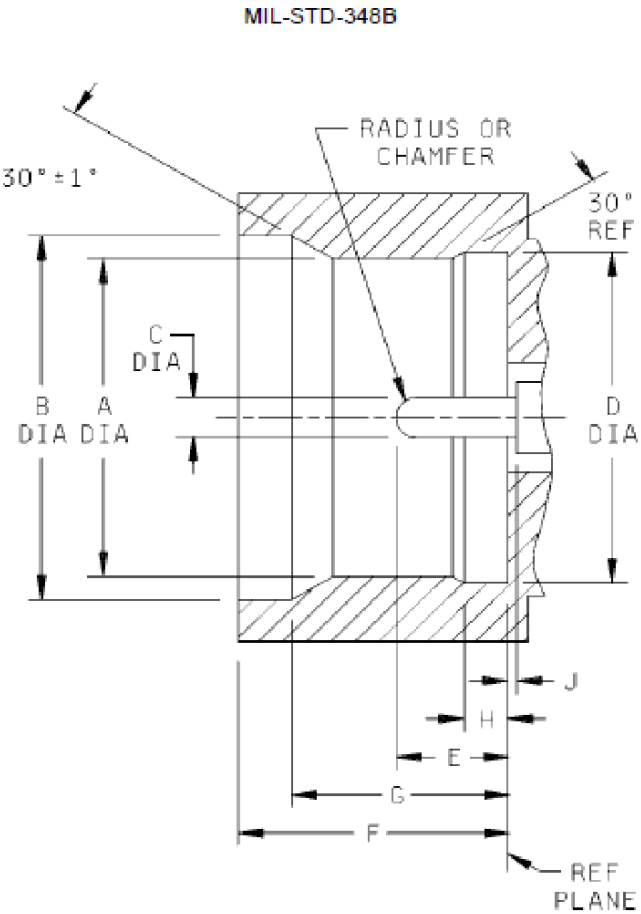
1. MATERIALS:
INSULATORS: TEFLON WHITE
PIN: BRASS C3602B Cu 0.30μin, Ni 50μin, Au 0.30μin
BODY: BRASS C3604B Cu 0.30μin, Ni 50μin, Au 0.30μin
FILM: POLYIMIDE (BROWN)
NOTES: UNLESS OTHERWISE SPECIFIED...

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DIMENSIONS ARE IN MILLIMETERS [INCHES] ± TOLERANCES UNLESS OTHERWISE NOTED		-		-		-	
.X ± 0.3mm [.012"] .XX ± 0.15mm [.006"] .XXX ± 0.050mm [.002"] .XXXX ± 0.010mm [.0004"] ANGLE ± 0.5°		MATERIAL		SPECIFICATION		PROCUREMENT	
		APPROVAL	INITIALS	DATE	Amphenol  12900 Alondra Blvd. Cerritos, CA 90703		
		DRAWN BY	PV	02/06/18			
		CHECKED BY			TITLE SMPM STR, PLUG R/A CONTACT, SMT RECEPTICAL (FULL DETENT)		
		TEST ENG					
NEXT ASSY.	USED ON	QUALITY			SCALE 16:1		
APPLICATION		DESIGN ENG	PV	02/06/18			
THIRD ANGLE PROJECTION 		MFG ENG			SUB-DIRECTORY/		SHEET 1 OF 2
		ECO APPRV			SIZE B	CAGE CODE 30990	

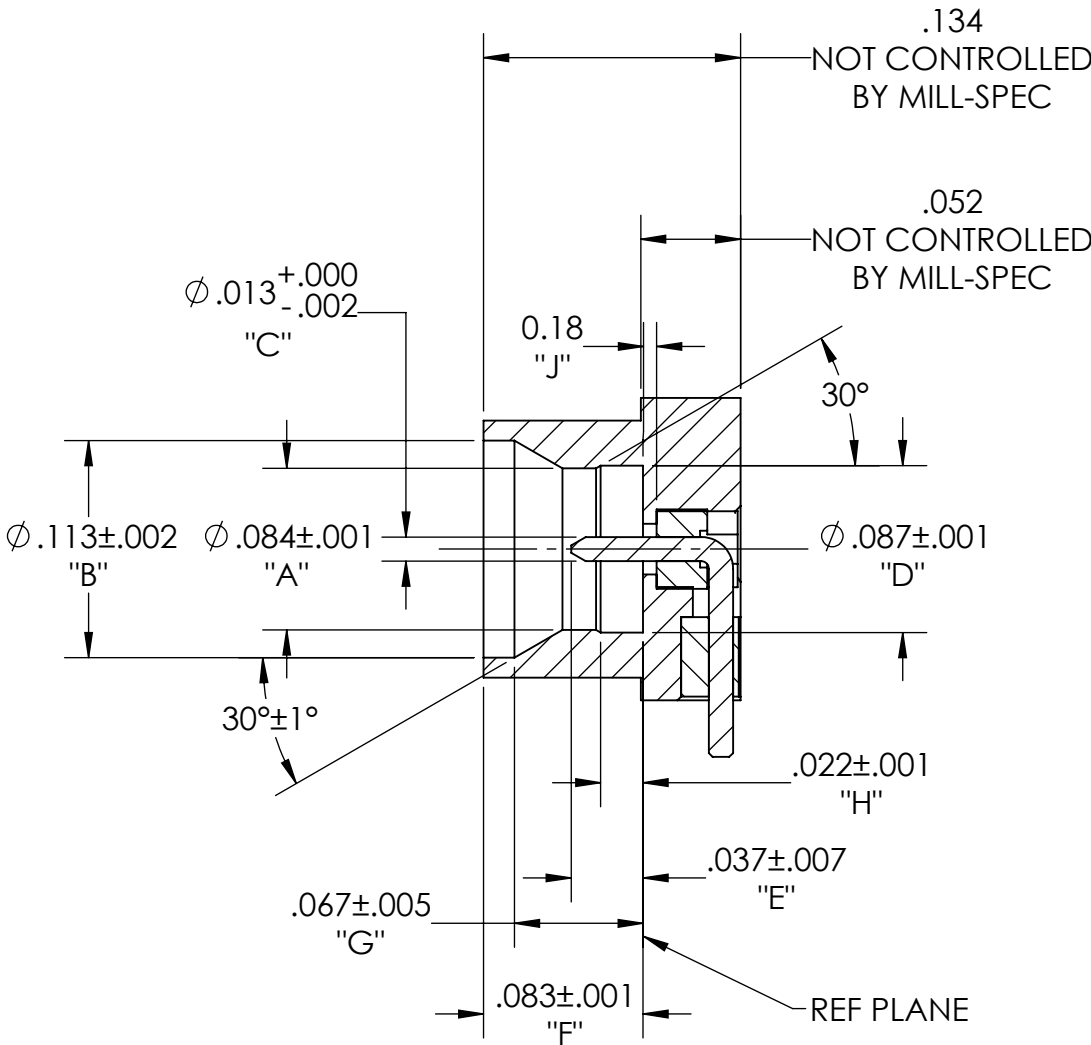
COMPLIANCE TO MIL-STD-348B



Letter	Inches (mm)	
	Minimum	Maximum
A dia.	.083 (2.11)	.085 (2.16)
B dia.	.111 (2.82)	.115 (2.92)
C dia.	.011 (0.28)	.013 (0.33)
D dia.	.086 (2.18)	.088 (2.24)
E	.030 (0.76)	.045 (1.14)
F	.082 (2.08)	.084 (2.13)
G	.062 (1.57)	.072 (1.83)
H	.021 (0.53)	.023 (0.58)
J	.000 (0.00)	-----

- NOTES:
1. Dimensions are in inches.
 2. Metric equivalents are given for information purposes only.

FIGURE 328-2. Interface, series SMPM, pin contact, (full detent).



DIMENSIONS IN INCHES



SMPM STR, PLUG R/A CONTACT,
SMT RECEPTAL (FULL DETENT)

SIZE	CAGE CODE	PART NUMBER	REV
B	30990	OL-TM14-0053-XX	A
SCALE: 10:1		PART NUMBER: TM14-0053-XX	2 OF 2