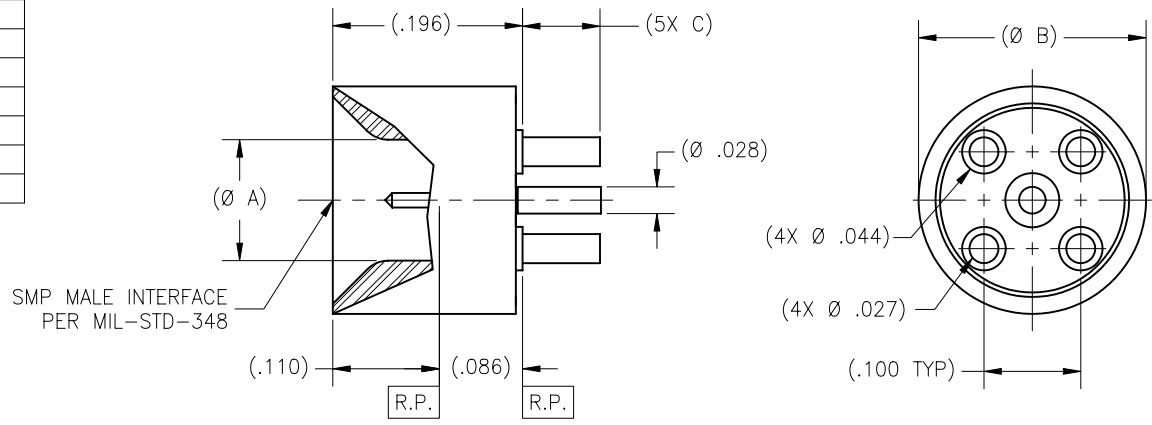


P/N	INTERFACE(S)	(Ø A)	(Ø B)	(C)	FIGURE(S)
-1CC	LIMITED DETENT	.120	(.218)	.079	2
-2CC	FULL DETENT	.116	(.218)	.079	2
-3CC	SMOOTH BORE	.125	(.218)	.079	2
-4CC	CATCHERS MITT	.125	(.235)	.079	1
-5CC	FULL DETENT	.116	(.218)	.100	2
-6CC	LIMITED DETENT	.120	(.218)	.100	2
-7CC	SMOOTH BORE	.125	(.218)	.100	2
-8CC	CATCHERS MITT	.125	(.235)	.100	1
-9CC	FULL DETENT	.116	(.218)	.140	2
-10CC	LIMITED DETENT	.120	(.218)	.140	2
-11CC	SMOOTH BORE	.125	(.218)	.140	2
-12CC	CATCHERS MITT	.125	(.235)	.140	1



REVISIONS			
REV	DESCRIPTION	DATE	BY
H	ECO 12860	03/02/01	HDB
J	ECO 13666	09.11.01	P.MAO
K	ECO 26081 (ADD SPEC)	08.15.12	DKN

FIGURE 1

MATERIAL(S):	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body: 303 sst per ASTM A-582. Insert: Brass C360 per ASTM B-16. Center Conductor: BeCu alloy per ASTM B-196. Dielectric: PTFE per ASTM D-1071.	Impedance: 50 Ohms nominal. Frequency Range: DC to 12.0 GHz. VSWR: 1.35:1 max to 12.0 GHz. Insertion Loss: .10 dB max to 12.0 GHz. Working Voltage: 335 Vrms max @ sea level. Dielectric Withstanding Voltage: 500 Vrms min. R.F. HiPot Voltage: 325 Vrms min @ 5MHz. Corona Level: 190 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. Contact Resistance: Center Contact: 6.0 Milliohm max. Outer Contact: 2.0 Milliohm max. R.F. Leakage: -(90 - fGHz) dB.	Mating Characteristics: Interface per Mil-Std-348. Center Contact Retention: 1.5 lbs Min Axial N/A Radial Force to Engage: (Max) Full Detent 15 lbs Limited Detent 10 lbs Smooth Bore 2 lbs Catchers Mitt 2 lbs Force to Disengage: (Min) Full Detent 5 lbs Limited Detent 2 lbs Smooth Bore .5 lbs Catchers Mitt .5 lbs Connector Durability: Depend on Detent Permeability: Less than 2.0 MU	Temperature Range: -65°C to +165°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. B. Moisture Resistance: Mil-Std-202, Method 106, except step 7b shall be omitted. Insulation resistance at least 1000 MegOhms within 5 minutes after removal from humidity. Corrosion: Mil-Std-202, Method 101, Test Cond. B. Vibration: Mil-Std-202, Method 204, Test Cond. D. Shock: Mil-Std-202, Method 213, Test Cond. I.

FINISH(ES):
Body: Passivated per ASTM A-967 OR AMS-QQ-P-35 Insert & Center Conductor: Gold plate per ASTM B-488 over nickel plate per SAE-AMS-QQ-N-290.

APPLICABLE CARLISLE IT DOCUMENTS		
WORK STD	PROD INST	ASSY INST
NA	NA	NA

NOTICE

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TOLERANCES AND NOTES EXCEPT AS NOTED	
DIMENSIONS ARE IN INCHES.	
LINEAR .XXX ±.015	ANGULAR ± 1/2°
FRACTION ± 1/32	
1. MACHINE FINISH: 63/RMS	
2. BREAK ALL SHARP EDGES .003 MAX.	
3. MACHINED FILLETS .005 MAX.	
4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH.	
5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R.	
6. DIMENSIONS TO BE MET BEFORE PLATING.	
7. CHAMFER ALL THREADS 45°.	
8. THREADS PER H-28	
9. REMOVE FRADED EDGES ON TEFLON.	
10. REMOVE ALL BURRS.	

MATERIAL		SPECIFICATION		PROCUREMENT	
APPROVAL INITIALS	DATE			SMP MALE PCB MOUNT TO Ø .028 STRAIGHT TERMINATION	
DRAWN BY	BRD 12/08/93				
CHECKED BY					
TEST ENGG					
DESIGN ENGG	ATV 09.13.01	SCALE	NONE	DIRECTORY/SUB-DIRECTORY	OUTLINE\OLPX\
MFG ENGG		SIZE	CAGE CODE	DRAWING NO.	
ECO APPRV	H.T. 08.16.12	C	30990		P654
				SHEET	1 OF 2
				REV.	K

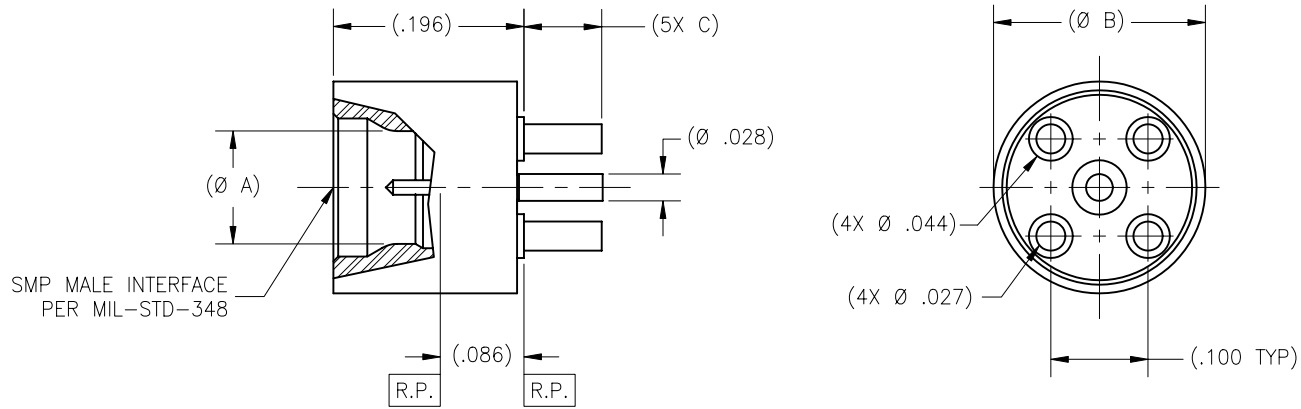
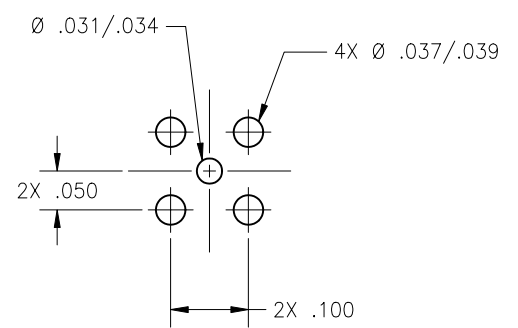


FIGURE 2



RECOMMENDED MOUNTING HOLE PATTERN

SCALE	DIRECTORY\SUB-DIRECTORY	SHEET 2	OF 2
NONE	_OUTLINE_OLP\		
SIZE	CAGE CODE	DRAWING NO.	REV.
C	30990	P654	K