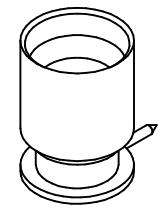
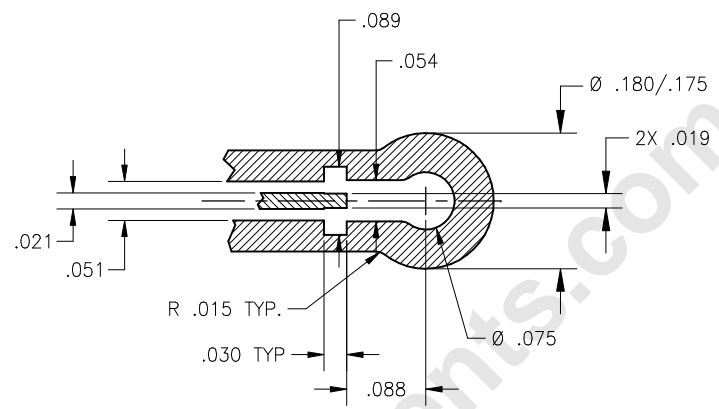


P/N	INTERFACE(S)	(Ø A)	FIGURE(S)
-1CC	FULL DETENT	(.116)	1
-2CC	LIMITED DETENT	(.120)	1
-3CC	SMOOTH BORE	(.125)	1
-4CC	CATCHER'S MITT	(.125)	2

REVISIONS			
REV	DESCRIPTION	DATE	BY
G	ECO 17351	08.20.04	JF
H	ECO 21348	06.06.08	DKN
J	ECO 25359	02.17.12	DKN



MOUNTING HOLE PATTERN

DIMENSIONS SHOWN ARE FOR ROGERS 4350 PCB MATERIAL.
THESE DIMENSIONS MAY VARY DEPENDING ON PCB MATERIAL USED.

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body: BeCu alloy per ASTM B-196. or Brass alloy per ASTM B-16. Center Conductor: Brass alloy per ASTM B-16. Insulator: Torlon per AMS 3670 or ASTM D-5204.	Impedance: 50 Ohms nominal. Frequency Range: DC to 18 GHz. VSWR: 1.15:1 max to 18 GHz. Insertion Loss: .10 dB max to 18 GHz. Working Voltage: 335 Vrms max @ sea level. Dielectric Withstanding Voltage: 500 Vrms min. R.F. HiPot Voltage: 325 Vrms min @ 5MHz. Corona Level: 125 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. Contact Resistance: Center Contact: 6.0 Milliohm max. Outer Contact: 2.0 Milliohm max.	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Engage: Full detent: 10.0 lbs max Limited detent: 5.0 max Smooth bore/Catchers mitt: 2.0 lbs max Disengage: Full detent: 2.0 lbs min Limited detent: 1.5 lbs min Smooth bore/Catchers mitt: .50 lbs min Center Contact Retention: Axial Force: 1.5 pounds min. Radial Torque: NA Connector Durability: Depend on detent	Operating Temperature Range: -65°C to +165°C. Maximum Soldering Temperature: 260°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:
Body & Center Conductor: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.

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

TOLERANCES AND NOTES	
EXCEPT AS NOTED	
DIMENSIONS ARE IN INCHES.	
LINEAR .XX ±.015	ANGULAR ± 1/2°
FRACTION ± 1/32	
1. MACHINE FINISH: 63/RMS	
2. BREAK ALL SHARP EDGES .003 MAX.	
3. MACHINED FILETS: .005 MAX.	
4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH.	
5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 I.P.R.	
6. DIMENSIONS TO BE MET BEFORE PLATING.	
7. CHAMFER ALL THREADS 40°.	
8. THREADS PER H-28	
9. REMOVE TRAPPED EDGES ON TEFLON.	
10. REMOVE ALL BURRS.	

NOTICE
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MATERIAL		SPECIFICATION		PROCUREMENT	
APPROVAL INITIALS	DATE	CARLISLE Interconnect Technologies Cerritos, CA 90703 TITLE SMP MALE STRAIGHT PCB SURFACE MOUNT SCALE 16:1 DIRECTORY\SUB-DIRECTORY _OLP_ SHEET 1 of 2 SIZE C 30990 DRAWING NO. P703			
DRAWN BY	ATV 05.27.99				
CHECKED BY					
TEST ENGG					
DESIGN ENGG	MP 07.27.99	REV.			
MFG ENGG					
ECO APPRV	DNg 02.20.12				

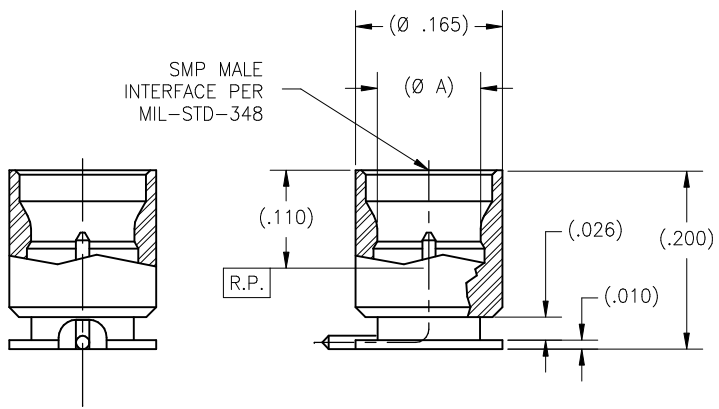


FIG.1

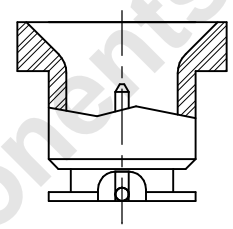
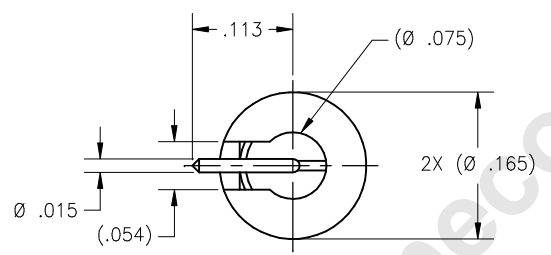
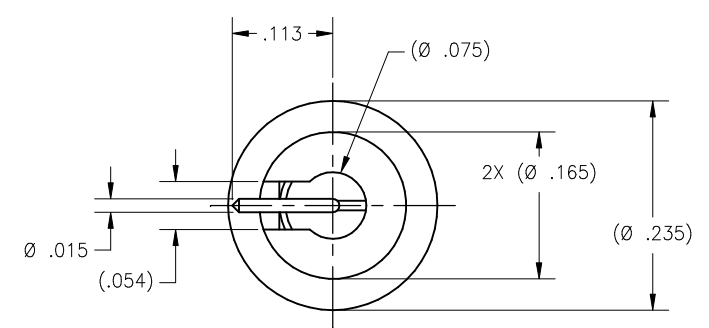


FIG.2



SCALE	DIRECTORY\SUB-DIRECTORY	SHEET	2	OF	2
NONE	OLP\				
SIZE	CAGE CODE	DRAWING NO.	REV.		
C	30990	P703	J		