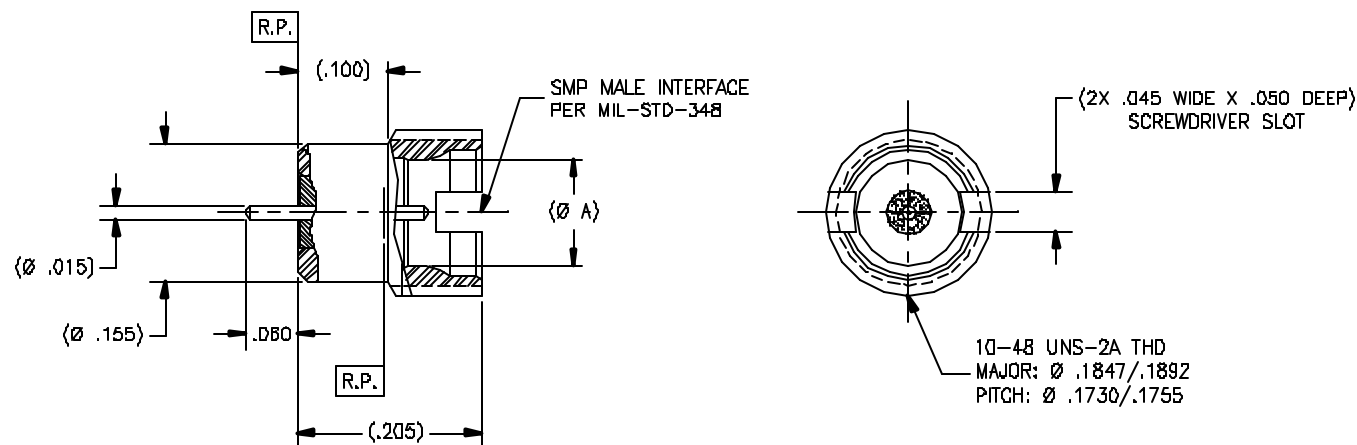


P/N	Ø A	INTERFACE(S)
-1CC	(.120)	LIMITED DETENT
-2CC	(.116)	FULL DETENT

REVISIONS				
DATE	REV	DESCRIPTION	DATE	BY
-	B	ECO 18112	04.22.05	RC
-	C	ECO 18171	05.04.05	P.MAO
-	D	ECO 24787	08.01.11	DKN



MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body & Center Conductor: 303 sst per ASTM A-582. Insulator: Torlon per Mil-P-46179. Glass: Corning 7070	Impedance: 50 Ohms Nom. Freq. Range: DC TO 40 GHz VSWR: $1.08 + .005 \times f \text{ (GHz)}$ Insertion Loss: $.03 \times \sqrt{f \text{ (GHz)}} \text{ dB}$ Working Voltage: 335 Vrms @ Sea Level Dielectric Withstand Voltage: 500 V rms RF HiPot Voltage: 325 Vrms Min @ 5MHz Corona Level: 190 Vrms @ 70,000 ft Insulation Resistance: 5,000 Mohms Contact Resistance: 4.0 Milliohms Max RF Leakage: -80 dB max to 3.0 GHz -65 dB max to 18.0 GHz	Interface Dimensions: MIL-STD-348 Connector Durability: Full detent: 100 Cycles Limited Detent: 500 Cycles Smooth Bore: 1,000 Cycles Center Contact Retention: 10 lbs Min Axial Force to Engage and Disengage: Engage Disengage Full detent: 15 lbs max 5 lbs min Limited Detent: 10 lbs max 2 lbs min Smooth Bore: 2 lbs max .5 lb min	Temp. Range: -65°C to +165°C Thermal Shock: MIL-STD-202, Method 107, Test Cond. B Moisture Resistance: MIL-STD-202, Method 106. Insulation resistance at least 200 MegaOhms 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:		APPLICABLE CARLISLE IT DOCUMENTS			TOLERANCES AND NOTES		SEE NOTE(S)		- SEE NOTE(S) -	
Body & Center Conductor:		WORK STD	PROD INST	ASSY INST	UNLESS OTHERWISE SPECIFIED		MATERIAL	DATE	REV	DESCRIPTION
Gold plate per ASTM B-488 over electroless nickel plate per AMS-QQ-N-290		NA	NA	NA	1. UNLESS OTHERWISE SPECIFIED		APPROVAL	DATE		
					2. BREAK ALL DIMENSIONS TO MAX.		DESIGN BY	DATE		
					3. UNLESS OTHERWISE SPECIFIED		CHECKED BY	DATE		
					4. UNLESS OTHERWISE SPECIFIED		QUALITY	DATE		
					5. UNLESS OTHERWISE SPECIFIED		DESIGN CHG	DATE		
					6. UNLESS OTHERWISE SPECIFIED		APP CHG	DATE		
					7. UNLESS OTHERWISE SPECIFIED					
					8. UNLESS OTHERWISE SPECIFIED					
					9. UNLESS OTHERWISE SPECIFIED					
					10. UNLESS OTHERWISE SPECIFIED					
					11. UNLESS OTHERWISE SPECIFIED					
					12. UNLESS OTHERWISE SPECIFIED					

CARLISLE Interconnect Technologies
 Carlsle, CA 94008

TITLE: SMP MALE,HERMETIC SEAL,THREAD-IN
 PANEL MOUNT TO STRAIGHT TERMINATION

SCALE: 10:1

DATE: 08.02.11

REV: 1

PC: 08.03.11

P761

REV: 1

BY: 1

DATE: 08.03.11