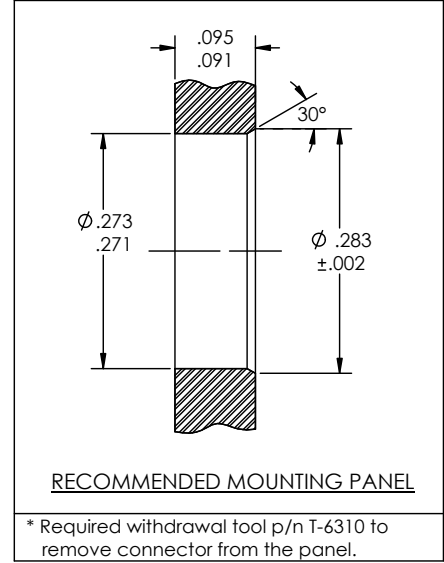


PART NO.	APPLICABLE NOTE(S)	CABLE TYPE(S)	FIGURE(S)
-1CC	1	UFF Ø.092A	1
-2CC		M17/113-RG316	
-3CC		TLL40-1087	
-4CC	2	MICROFLEX Ø .095	
-5CC	3	Ø .085 SEMI-RIGID	2
-6CC		UFF Ø.092A	
-7CC		M17/113-RG316	
-8CC		TLL40-1087	
-9CC		MICROFLEX Ø .095	
-10CC	4	Ø .085 SEMI-RIGID	
-11CC	2	Ø .047 SEMI-RIGID	1
-12CC	4	Ø .047 SEMI-RIGID	2

REVISIONS			
REV.	DESCRIPTION	DATE	BY
L	ECO 21810	12.04.08	PMAO
M	ECO 202352 (ADD NEW NAME)	11.26.24	DKN



- NOTE(S) :
1. Dielectric stop , center conductor and heat shrink tubing are packaged and shipped unassembled.
 2. Dielectric stop and center conductor are packaged and shipped unassembled.
 3. Dielectric stop, center conductor, metal sleeve, retaining ring, float mount and heat shrink tubing are packaged and shipped unassembled.
 4. Dielectric stop, center conductor, metal sleeve, retaining ring and float mount are packaged and shipped unassembled.

MATERIAL(S):	ELECTRICAL(S):	MECHANICAL(S):	ENVIRONMENTAL(S):
Body, Center Conductor & Snap Rings: BeCu Alloy per ASTM B 196 Float Mount, Washer & Metal Sleeve : 303 sst per ASTM A-582. Retaining Ring : BeCu Alloy per ASTM B 196 or ASTM B 197. Spring: 17-7 sst per ASTM A-313 or AMS 5678 Insulator : PTFE per ASTM D-1710. Dielectric Stop: Peek. Dielectric Stop (For -11CC & -12CC): Torlon per Mil - P-46179. Heat Shrin Tubing: SAE-AMS-DTL-23053/4.	Impedance: 50 Ohms Nominal Frequency Range: DC to 18 GHz VSWR: 1.20:1 max at 18 GHz Insertion Loss: .04 X √f(GHz) dB Working Voltage: 500 Vrms max at Sea Level 125 Vrms max at 70,000 ft. DWV: 500 Vrms min at sea level 125 Vrms at 70,000 ft. RF HiPot Voltage: 325 Vrms min at sea level Corona Level: 190 Vrms min at 70,000 ft Insulation Resistance: 5,000 MegOhms min. Contact Resistance: Center Contact: 6.0 Milliohms max Outer Contact: 2.0 Milliohms max. Permeability : Less than 2.0 mu. RF leakage : -80 db max at 3.0 GHz.	Interface Dimension: Per Mill -Std-348. Connector Durability: Full Detent : 100 Cycles min. Limited Detent: 500 cycles min. Smooth Bore: 1000 cycles min. Center Contact Retention: 1.5 pound min axial force. Force to Engage & Disengage: Depend on detent of mating interface. Spring rate: 38.5 pounds per inch Spring Force: Pre-load : .81 pound. .035 Compression: 2.15 pounds. .125 compression: 5.6 pounds. Maximum Float: Axial : .040 inch. Radial : ± .020 inch.	Temperature Range: -65°C to +165°C Thermal Shock: MIL-STD-202, Method 107, Test Condition B. Except high temp. to be +165°C Moisture Resistance: MIL-STD-202, Method 106, except step 7b shall be omitted. Resistance shall be 1,000 Megohms within 5 minutes after removal from humidity. Corrosion: MIL-STD-202, Method 101, Test Condition B Vibration: MIL-STD-202, Method 204, Test Condition D Shock: MIL-STD-202, Method 213, Test Condition I. Soderability: Mill-Std-202, Method 208.

FINISH(ES):	APPLICABLE Amphenol CDI DOCUMENTS			TOLERANCES AND NOTES EXCEPT AS NOTED DIMENSIONS ARE IN INCHES. XX ±.015 LINEAR XXX ±.005 ANGULAR ± 1/2° FRACTION ± 1/32 INTERPRET DRAWING PER ASME Y14.5 - 2018	MATERIAL	SPECIFICATION	PROCUREMENT
	WORK STANDARD	PROD INSTRUC	ASSY INSTRUC				
Body, Snap-Ring & Center Conductor : Gold Plate per ASTM B-488, Type II, Code C or D, Class 1.25, over nickel plate per SAE AMS-QQ-N-290, Class 1. Snap-Ring & Retaining-Ring : Nickel plate per SAE AMS-QQ-N-290. Float Mount, Spring, Washer & Metal Sleeve : Passivate per ASTM A-967.	NA	NA	NA	1. MACHINE FINISH: √ RMS 2. BREAK ALL SHARP EDGES .003 MAX. 3. MACHINED FILLETS .005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECT- THE AXIS WITHIN .005 INCHES PER INCH. 5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 TLR. 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. CHAMFER ALL THREADS 45°. 8. THREADS PER H-28 9. REMOVE FRAZED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	BRD	02.15.96	12900 Alondra Blvd. Cerritos, CA 90703 Amphenol
							TITLE SMP FEMALE STRAIGHT SNAP-IN, .093 THICK PANEL FLOAT MOUNT TO FLEX OR S/R CABLE SCALE 1:1 (SUB-DIRECTORY/ OUTLINE) SHEET 1 OF 2 SIZE C (CAGE CODE) DRAWING NO. P658 REV. M

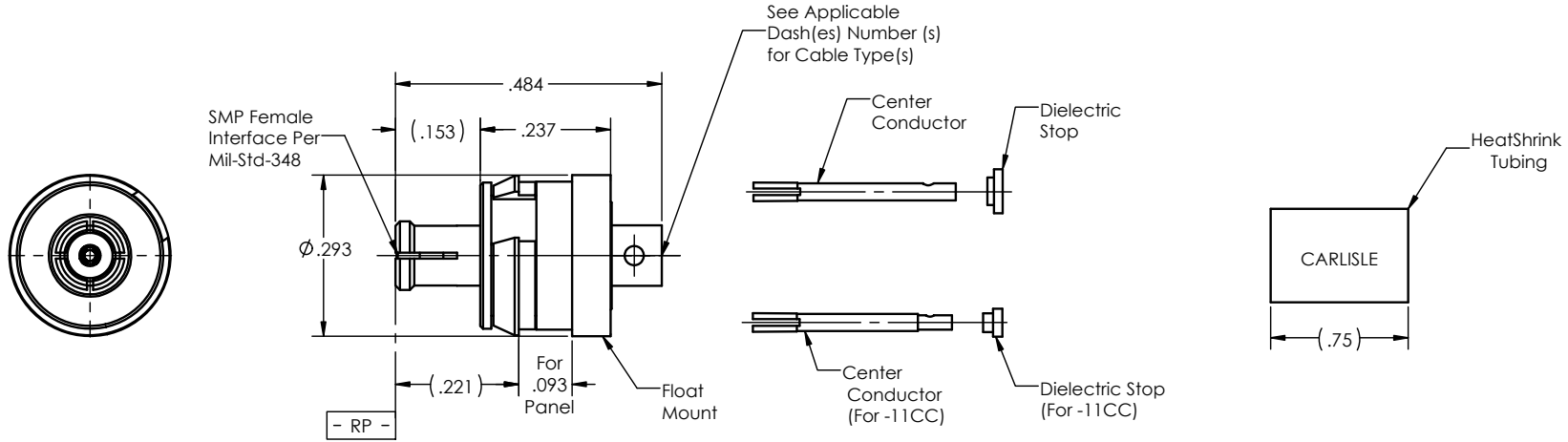


FIGURE 1

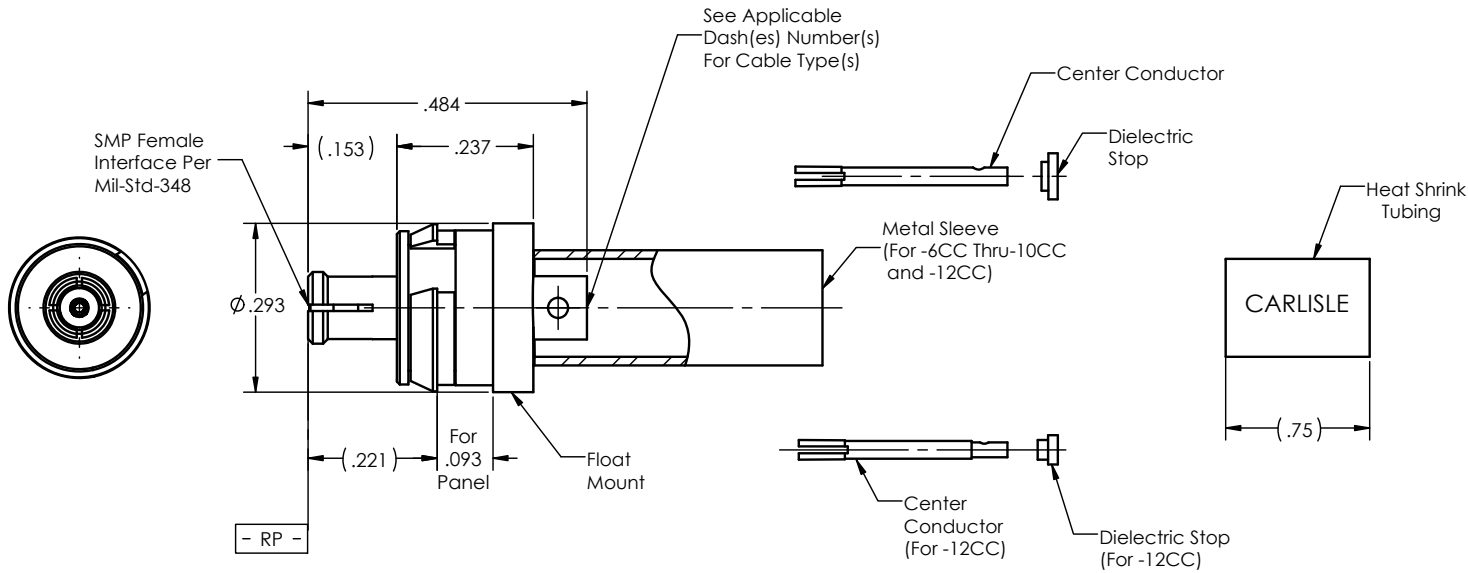


FIGURE 2

SCALE	SUB-DIRECTORY/	SHEET 2 OF 2
4:1	OUTLINE\	
SIZE	CAGE CODE	DRAWING NO.
C	30990	P658
		REV.
		M