

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—		B	ECO-11-003677	21APR2011	RZ	YM

- 1
- BRASS

2

BERYLLIUM COPPER

3

PTFE

4

GOLD PLATE

5

STAINLESS STEEL

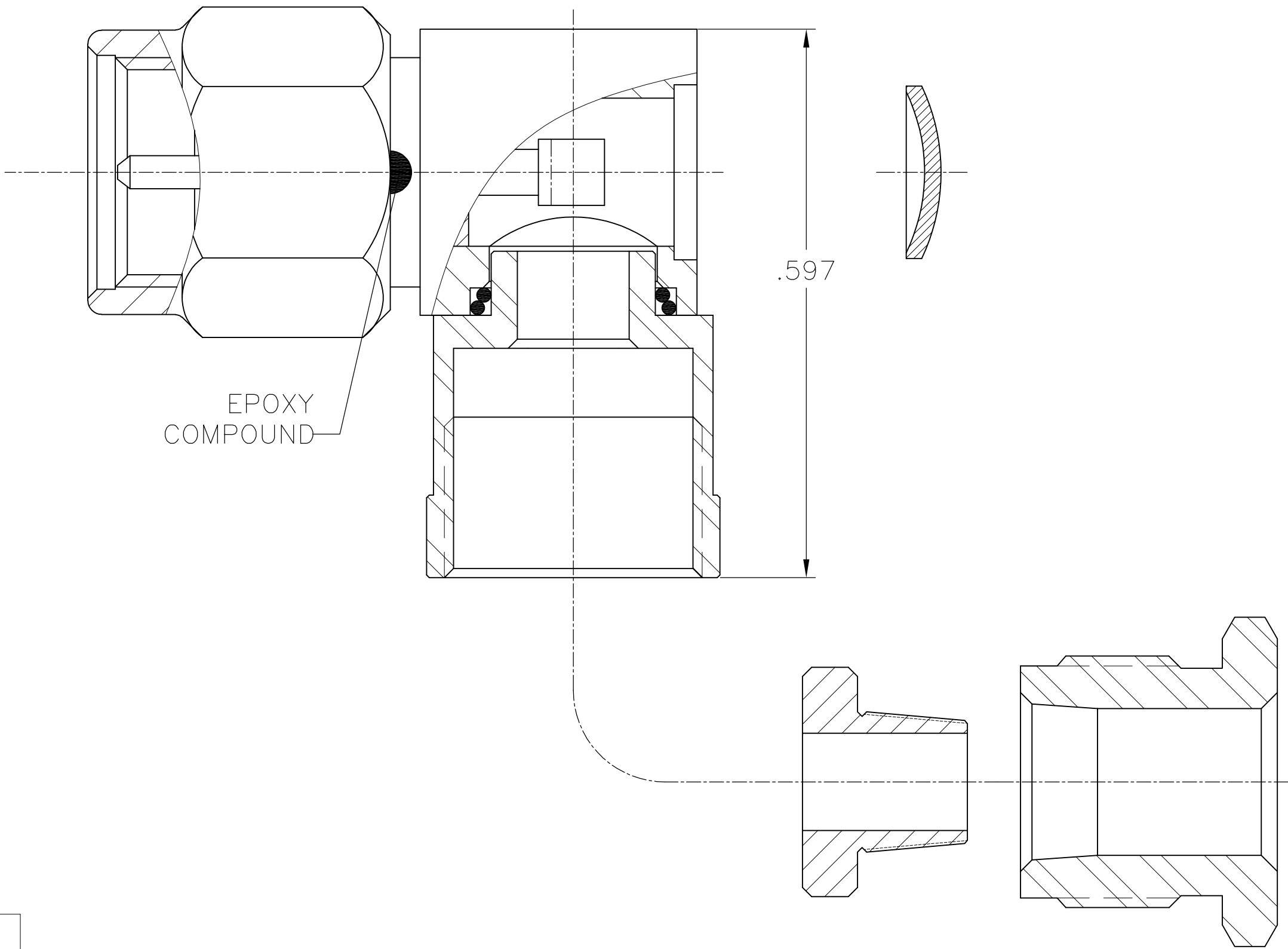
6

PASSIVATE

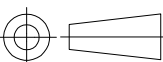
7

SILICONE RUBBER

DESIGNED FOR USE WITH
RG-180/U & 190 CABLE



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	TEMPERATURE RATING -65° TO +165°
Frequency Range (GHz) DC to 12.4	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Torque 7-10 In-Lbs	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.15 + .01f(GHz)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .06 f√GHz	Insertion (MAX Lbs) N/A	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -[60-f(GHz)]	Withdrawal (MIN Oz) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Force to Engage and Disengage (In-Lbs MAX) 2	.XXX = in
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000	Center Contact Captivation	XX.X = mm
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6 Min	THE QUALIFICATION TESTING HAVE NOT BEEN COMPLETED.
Center Contact 3.0	Radial (In-Oz) N/A	
Outer Contact 2.0	Cable Retention	
Cable to Housing 0.5	Axial Force (Lbs) 45 MIN	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Torque (In-Oz) N/A	
I.R.(Megohms MIN) 5,000	Weight (Grams) TBD	

△5 △6		△5 △6		△1 △4		△1 △4		△3		△2		△7		△5 △6		1051144-1					
HOUSING		CAP		CLAMP NUT		COLLAR		MALE CONTACT		DIELECTRIC		RETAINING RING		GASKET		COUPLING NUT		PART NO.			
		THIS DRAWING IS A CONTROLLED DOCUMENT.						DWN TITAN DAI 21APR2011		 TE Connectivity											
		DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:				CHK RITA ZUO 21APR2011										NAME			
				0 PLC ± -				APVD MARTIN YE 21APR2011		OSM RIGHT ANGLE CABLE PLUG CLAMP ATTACHMENT -											
				1 PLC ± -				PRODUCT SPEC													
				2 PLC ± -				-													
				3 PLC ± .010				APPLICATION SPEC													
MATERIAL		FINISH				408-4965		SIZE		CAGE CODE		DRAWING NO				RESTRICTED TO					
-		-				WEIGHT -		A2		00779		C=1051144				-					
CUSTOMER DRAWING										SCALE		8:1		SHEET		1 of 1		REV		B	