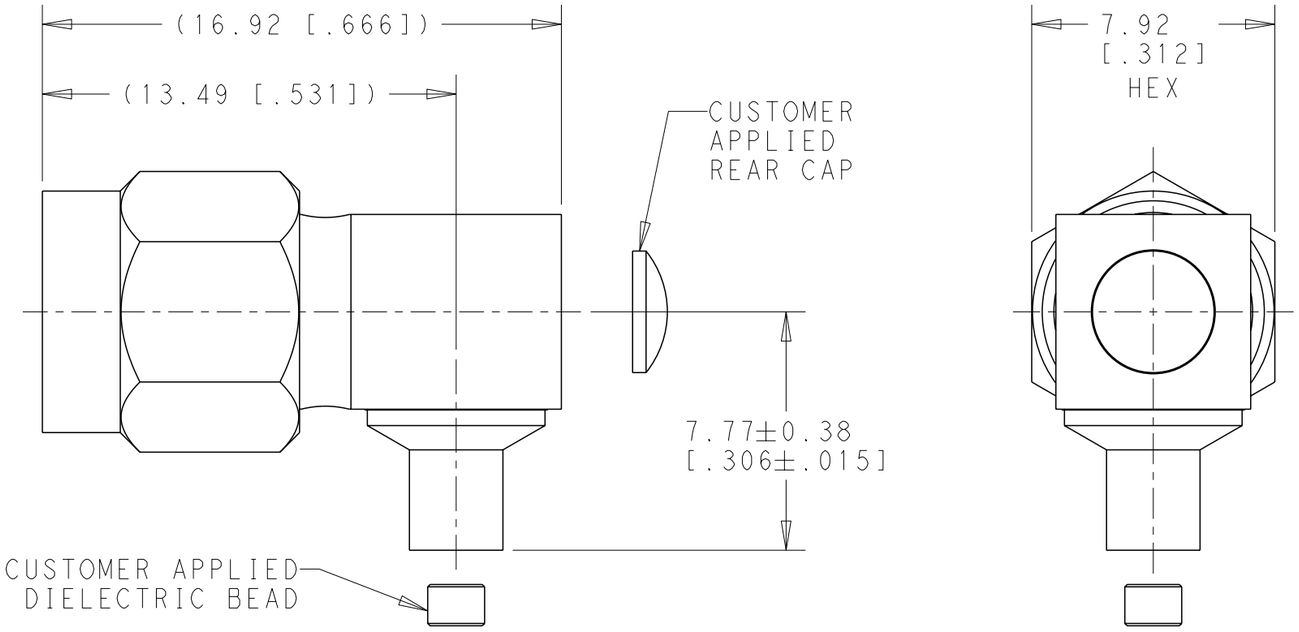
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED PER ECO 17-010652	7-24-17	CT	DW
	B	REVISED PER ECN-21-109591	21JUL2021	LN	PD



1. DESIGN FOR USE WITH .086 CABLE WITH A .0253 DIA CENTER CONDUCTOR.
2. USE INSTRUCTION SHEET 408-TBD.
3. DESIGN FOR USE WITH .086 CABLE WITH A .0226 DIA CENTER CONDUCTOR

ELECTRICAL		MECHANICAL		ENVIRONMENTAL	
NOM. IMPEDANCE (OHMS)	50			TEMP. RATING	-65° TO +165°C
Freq. Range (GHz)	DC to 18	Interface Dimensions		Vibration MIL-STD-202, Method	
Volt Rating (VRMS MAX)		MIL-STD-348,Fig. 310.1		204, Condition D	
@ Sea Level	335	Mating Characteristics:		Shock MIL-STD-202, Method 213	
VSWR	1.18+.015f(GHz) DC to 18 GHz	Insertion (MAX Lbs)	N/A	Condition 1	
		Withdrawal (MIN Oz)	N/A	Thermal Shock MIL-STD-202,	
Insertion Loss (db Max) .05x SQRT.f(GHz)		Force to Engage (In-Lbs MAX)	2.0	Method 107, Condition B EXCEPT HIGH TEMP +115°C	
RF Leakage (db MIN) (Interface Only,		& Disengage (In-Lbs MAX)	2.0	Moisture Resistance MIL-STD-202	
Fully Mated)	-70 @ 2-3 GHz	Center Contact Captivation		Method 106	
Corona, 70,000Ft.(VRMS MIN)	250	Axial (Lbs)	6	Corrosion - MIL-STD-202, Method	
Dielectric Withstanding Voltage		Cable Retention		101, Condition B, 5% salt spray	
(VRMS MIN)@ Sea Level	1000	Axial force (Lbs MIN)	30		
Contact Resistance (Millohms MAX)		Recommended Mating Torque (In-Lb)	7-10		
Center Contact	4.0	Weight (Grams)	TBD		
Outer Contact	2.0				
Cable to Housing	0.5				
RF High Potential @ Sea Level					
(VRMS MIN @ 5MHz)	670				
IR (Megohms MIN)	5000				

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CAP	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	GOLD PLATED PER ASTM-B-488
DIELECTRIC	PTFE FLUORCARBON PER ASTM-D-1457	NONE
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR 197 ALLOY C17300, COND H	GOLD PLATED PER ASTM-B-488
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194	NONE
GASKET	SILICONE RUBBER PER ZZ-R-765	NONE
DIELECTRIC BEAD	POLYAMIDE-IMIDE PER ASTM-D-5204	NONE

WIRE TYPE	PART NO
3	2315476-2
1	2315476-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCH]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±-
3 PLC ±0.13 [.005]
4 PLC ±-
ANGLES ±1°

MATERIAL SEE TABLE

FINISH SEE TABLE

DWN Brent D. Yohn 23MAY2017
CHK Denver Wilson 23MAY2017
APVD D.WILSON 24MAY2017
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME SMA RIGHT ANGLE PLUG, FOR LOW LOSS .086
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2315476	-

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV B

1470-19 (3/13)