

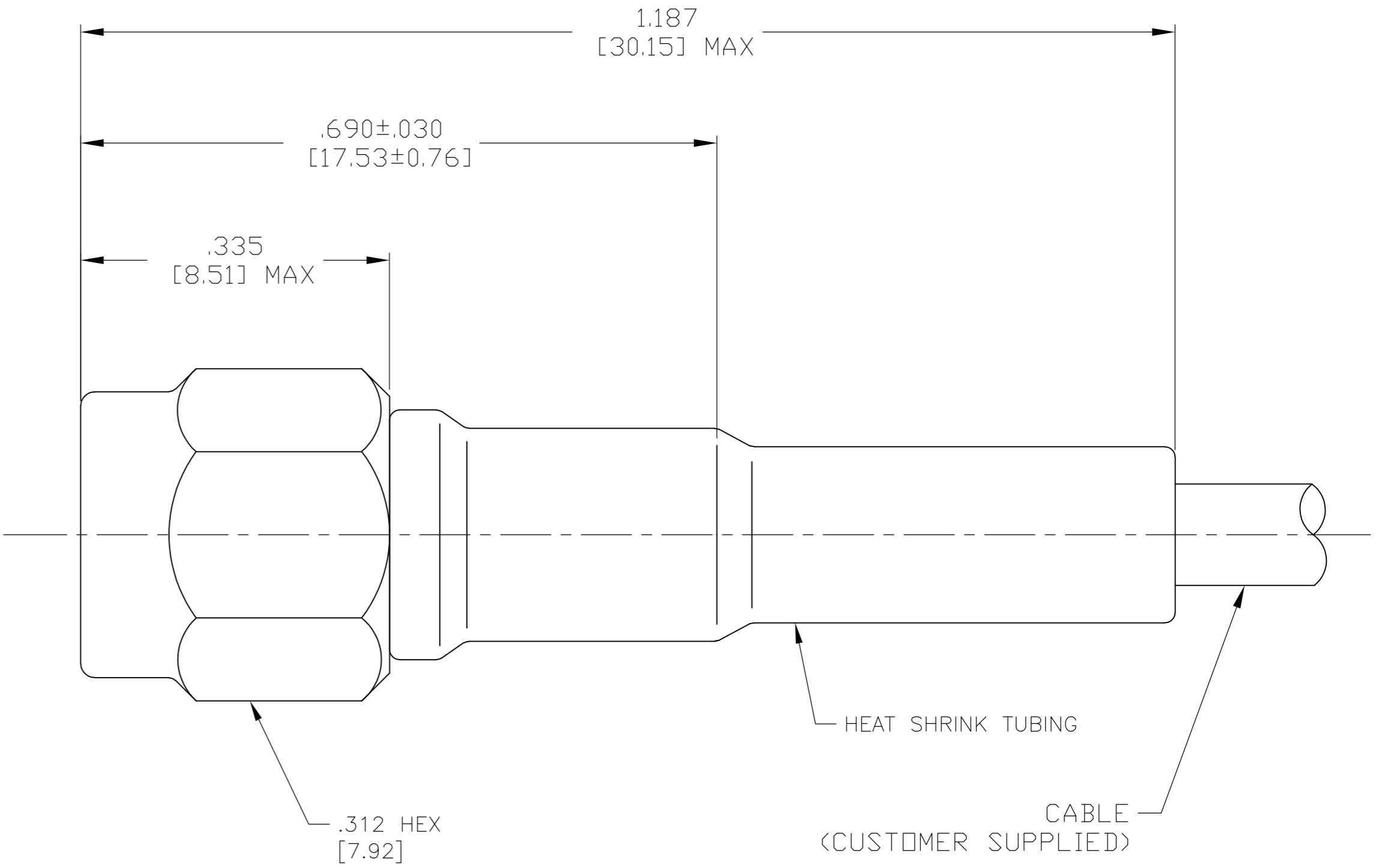
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HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER ASTM-B-488
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM B-16 1/2 HARD	GOLD PLATE PER ASTM-B-488
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER ASTM-B-488
COMPONENT	MATERIAL	FINISH

DESIGNED FOR USE WITH RG-188/U FLEXIBLE CABLE
 CABLE ENTRY DIAMETER MINIMUM

FERRULE	.137 [3.48]
HOUSING	.066 [1.68]
CONTACT	.021 [0.53]

LOC	DIST	REVISIONS					
DF	X0	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		RELEASED	2-18-08	CT	DW



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	TEMPERATURE RATING -65°C TO +165°C
Frequency Range (GHz) DC to 12.4	Recommended Mating Torque 7 to 10 In-Lbs	Vibration MIL-STD-202, Method 204, Condition B
Or Max Operating Frequency of Cable Per MIL-C-17	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
Volt Rating (VRMS MAX) @ Sea Level 250	Insertion (MAX Lbs) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B,
VSWR 1.15±.03 f(GHz)	Withdrawal (MIN Oz) N/A	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) .06 √f(GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) -60 @2-3 GHz	Center Contact Captivation:	
Corona, 70,000 Ft (VRMS MIN) 190	Axial (Lbs) N/A	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Radial (In-Oz) N/A	
Contact Resistance (Milliohms MAX)	Cable Retention:	
Center Contact 3.0	Axial Force (Lbs) 20	
Outer Contact 2.0	Torque (In-Oz) N/A	
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500		
I.R.(Megohms MIN) 5,000		

7536268 P4	1062179-1
CUSTOMER PART NUMBER	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 2-18-08	Tyco Electronics Corporation Harrisburg, PA 17105-3608	SIZE A2	CAGE CODE 00779	DRAWING NO C=1062179	RESTRICTED TO	
DIMENSIONS: INCHES [mm]		CHK D.WILSON 2-18-08		NAME SMA STRAIGHT CABLE PLUG ASSY, SOLDER ATTACHMENT	SCALE 8:1	SHEET 1 of 1	REV A	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D.WILSON 2-18-08		PRODUCT SPEC	WEIGHT -			
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 [0.13] 4 PLC ± - ANGLES ± - FINISH SEE TABLE		APPLICATION SPEC		CUSTOMER DRAWING				

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