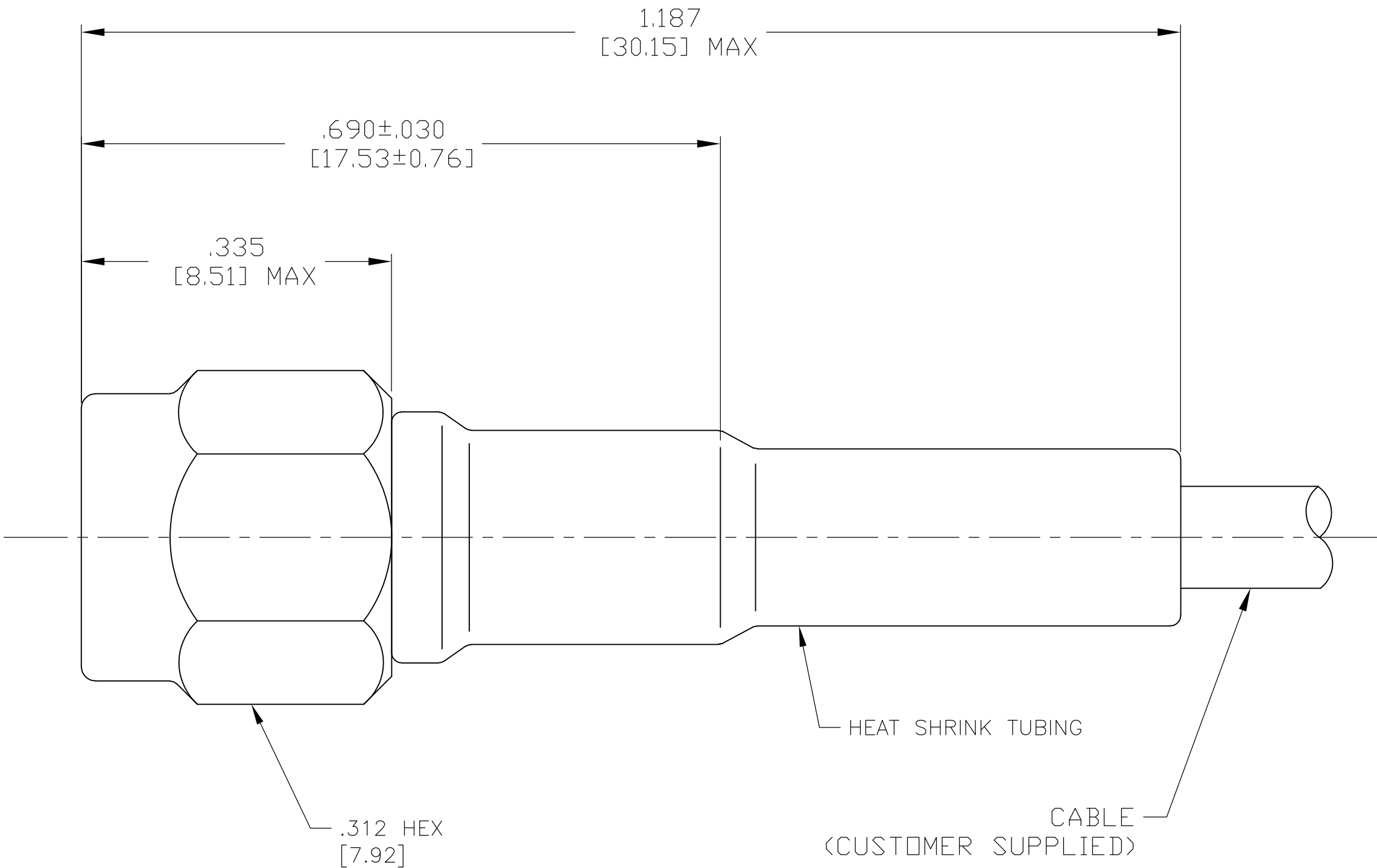


HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER ASTM-B-488
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM B-16 1/2 HARD	GOLD PLATE PER ASTM-B-488
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
GASKET	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	APVD
			A	RELEASED	2-18-08	DW



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

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