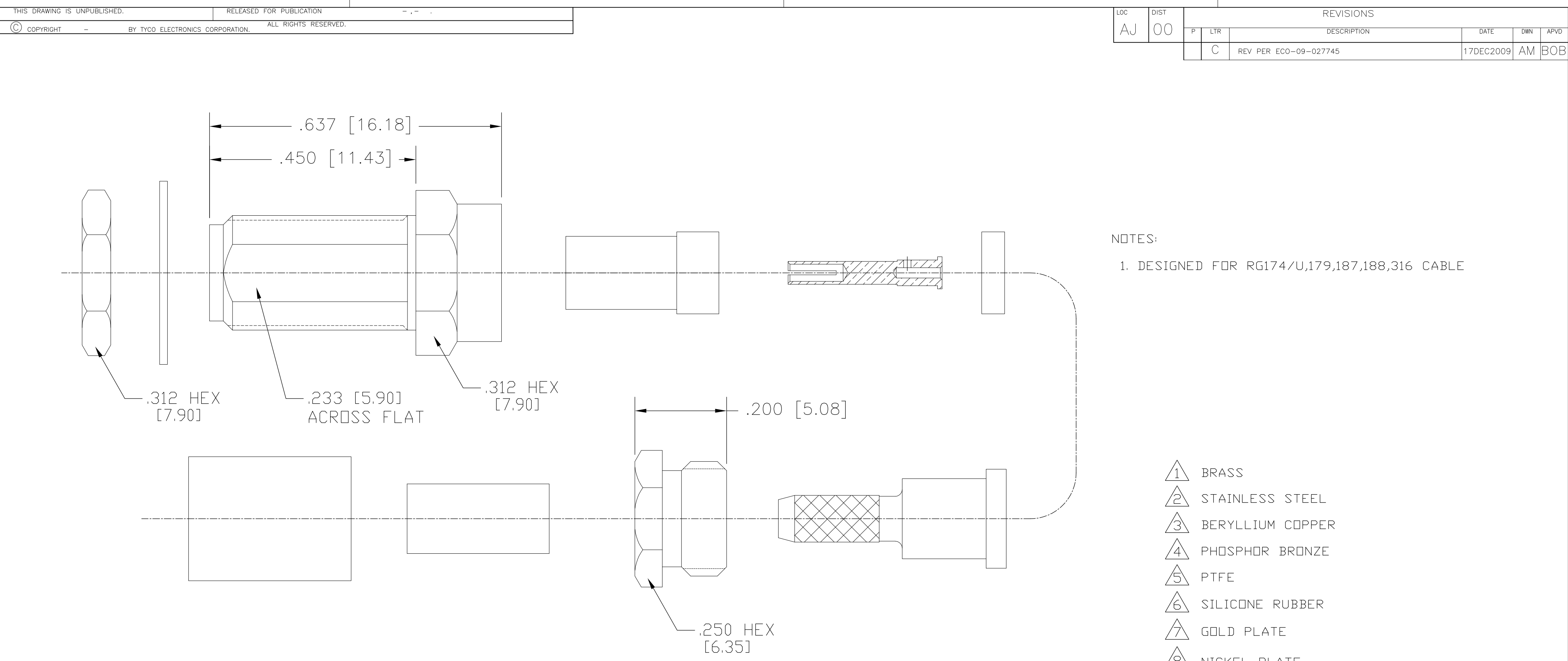




NOTES:

1. DESIGNED FOR RG174/U,179,187,188,316 CABLE

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	TEMPERATURE RATING -40° TO +95°
Frequency Range (GHz) DC to 6	Recommended Mating Torque 7-10 In-Lbs	DURABILITY:500 CYCLES
Volt Rating (VRMS MAX) @ Sea Level 250	Mating Characteristics:	.XXX = in X.XX = mm
VSWR 1.18 + .02f(GHz)	Insertion (MAX Lbs) N/A	
Insertion Loss (dB MAX) .07 √f GHz	Withdrawal (MIN Oz) N/A	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Force to Engage and Disengage (In-Lbs MAX) 2	
Contact Resistance (Milliohms MAX) Center Contact 5.0 Outer Contact 3.0 Cable to Housing 0.5	Center Contact Captivation Axial (Lbs) 6 Min Radial (In-Oz) N/A	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500	Cable Retention Axial Force (Lbs) 20 MIN Torque (In-Oz) N/A	
I.R.(Megohms MIN) 5,000	Weight (Grams) TBD	

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10	1 7	2 7	3 7	5	6	2 7	4 7	2 7	1051933-1
SHRINK TUBING	FERRULE	CLAMP NUT	CENTER CONTACT	DIELE-CTRIC	GASKET	HOUSING & SLEEVE	LOCK WASHER	MOUNTING NUT	TE PN.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES[MM]

MATERIAL -

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± .008
3 PLC ± .005
4 PLC ± -
ANGLES ± 1°
FINISH -

DWN ANSON MA 2Jul09
CHK RITA ZUO 2Jul09
APVD BOB ZHAO 2Jul09

PRODUCT SPEC 108-112002
APPLICATION SPEC 408-4804
WEIGHT -

CUSTOMER DRAWING

Tyco Electronics Corporation
Kunshan,Jiangsu,RPC 215312

NAME SMA STRAIGHT CABLE
JACK CLAMP ATTACHMENT -

SIZE A2
CAGE CODE 00779
DRAWING NO C=1051933
RESTRICTED TO -

SCALE 5:1
SHEET 1 of 1
REV C