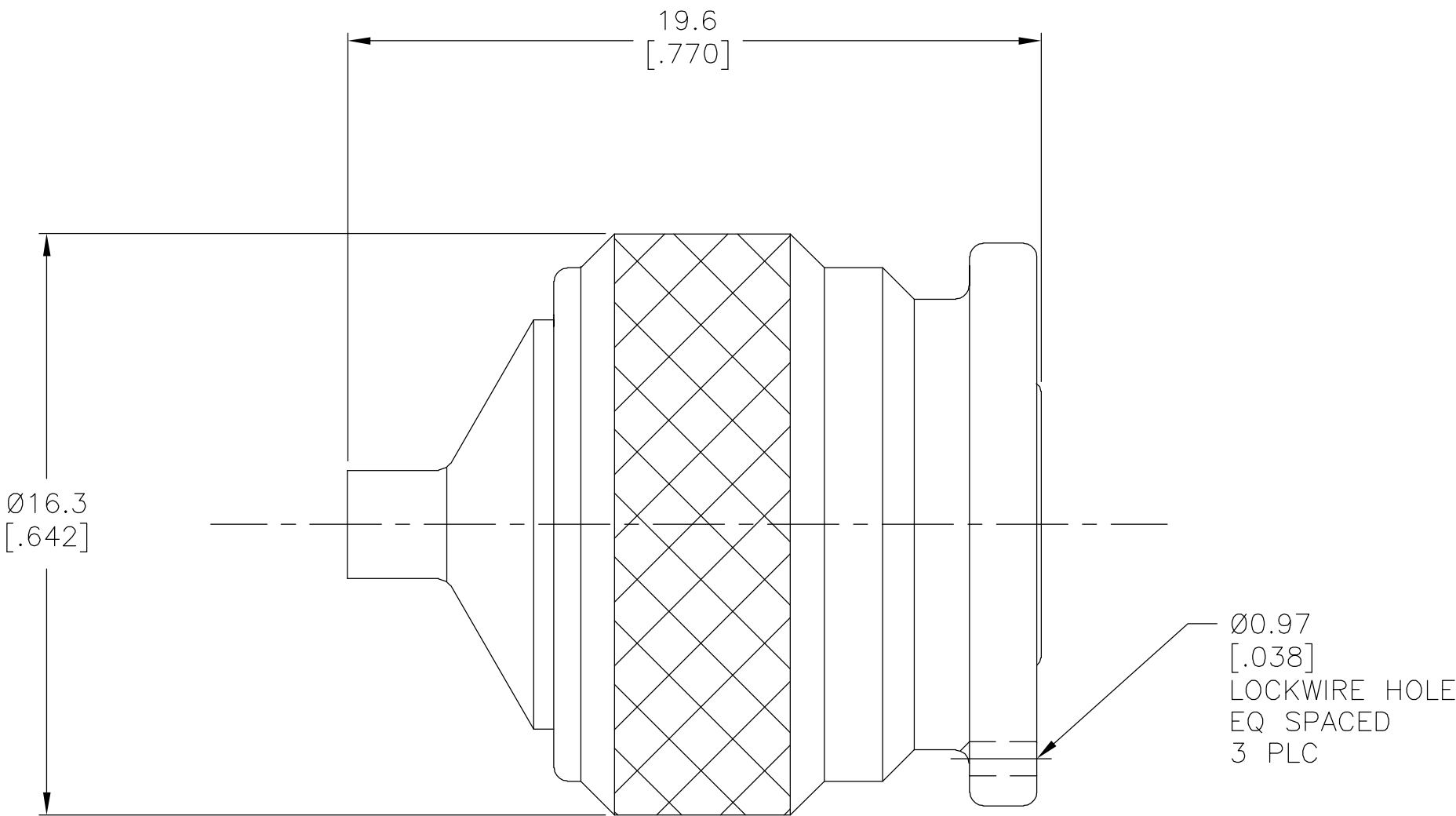


DESIGNED FOR USE WITH	
.085 S.R. RG-405	
CABLE ENTRY DIAMETER	
MINIMUM	
HOUSING	2.24[.088]
CONTACT	0.64[.025]

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION		DATE	DWN	APVD
		D	REVISED PER ECO-06-021380	02NOV2006	KS	JL



1057635-1

PART NUMBER

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 313-1	TEMPERATURE RATING <u>-65°C TO +105°C</u>
Frequency Range (GHz) DC to <u>15.0</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Torque <u>12-15 IN-LBS</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.07 + .007f</u> (GHz) Dc TO 15 GHz	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP <u>+200°C</u>
Insertion Loss (dB MAX) <u>.05 √f</u> (GHz)	Insertion (MAX Lbs) <u>5.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-[90-f</u> (GHz)]	Withdrawal (MIN Oz) <u>1.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>N/A</u>	
Center Contact <u>1.5</u>	Radial (In-Oz) <u>N/A</u>	
Outer Contact <u>2.0</u>	Cable Retention	
Cable to Housing <u>0.5</u>	Axial Force (Lbs) <u>30.0</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>	Torque (In-Oz) <u>N/A</u>	
I.R.(Megohms MIN) <u>1,5000</u>	Weight (Grams) <u>TBD</u>	

COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
COMPONENT	MATERIAL	FINISH
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DK SCHRUM 02NOV2006
DIMENSIONS: mm [INCHES]	CHK JT LIPPERT 02NOV2006	Tyco Electronics Corporation Harrisburg, PA 17105-3608
	APVD JT LIPPERT 02NOV2006	
	PRODUCT SPEC	TNC STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT (3101-7985-00)
	APPLICATION SPEC	
MATERIAL -	408-8202	SIZE A2
	WEIGHT -	CAGE CODE 00779
CUSTOMER DRAWING		DRAWING NO C=1057635
		RESTRICTED TO -
		SCALE NTS
		SHEET 1 of 1
		REV D