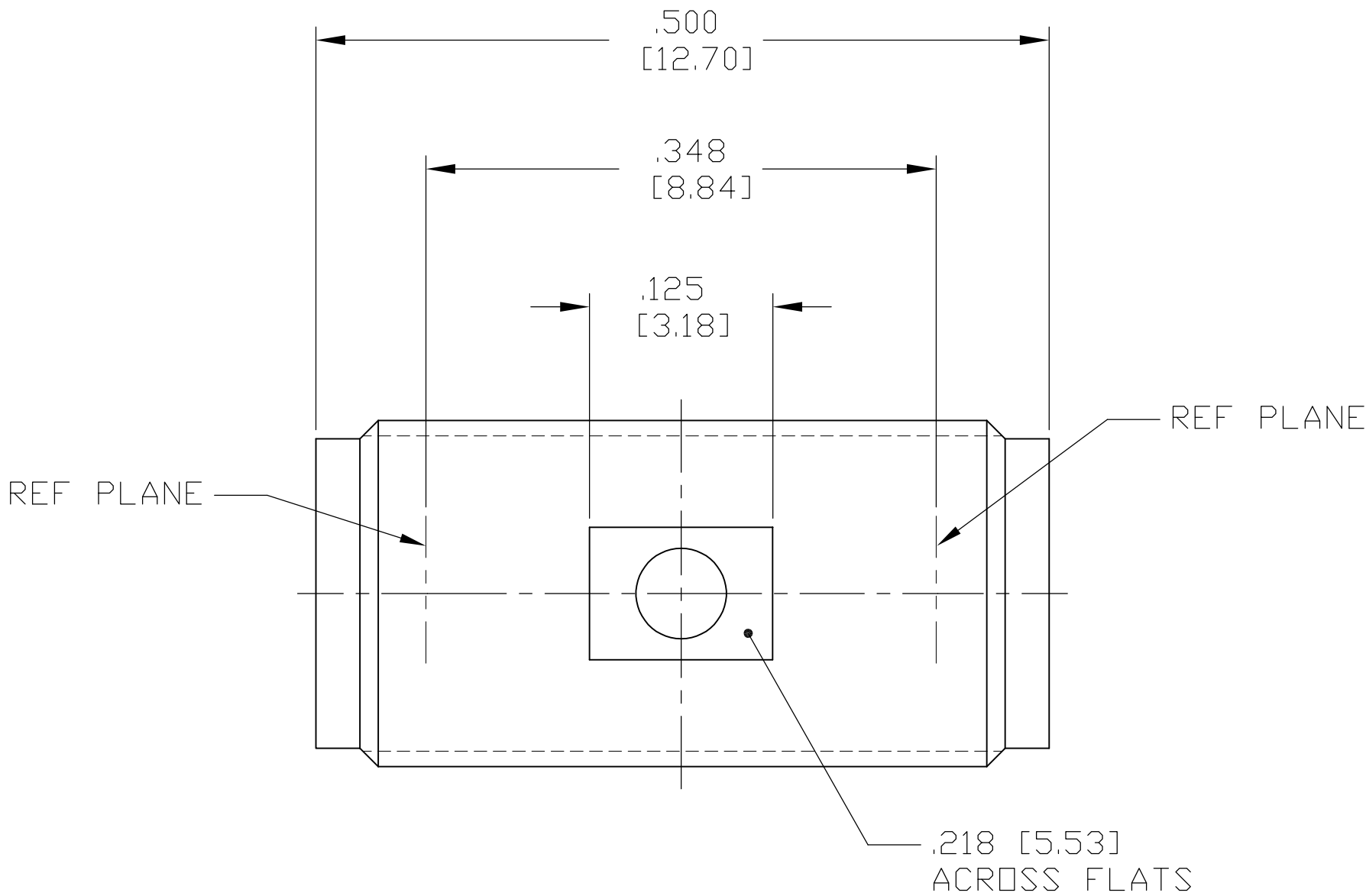


HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457.	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER AMS-QQ-N-290
COMPONENT	MATERIAL	FINISH



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.2	TEMPERATURE RATING -65°C TO 165°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque 7 - 10 in-lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05 + .005 f(GHz)	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202, Method 107, Condition C,
Insertion Loss (dB MAX) .06 √f(GHz)	Withdrawal (MIN Oz) 1.0	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
RF Leakage (dB MIN) -[60-f(GHz)]	Force to Engage and Disengage (In/Lbs MAX) 2.0	Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1500	Axial (Lbs) 6.0	
Contact Resistance (Milliohms MAX)	Radial (In/Oz) N/A	
Center Contact 4.0	Cable Retention	
Outer Contact 2.0	Axial Force (Lbs) N/A	
Cable to Housing N/A	Torque (In/Oz) N/A	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Weight (Grams) 2.0	
I.R.(Megohms MIN) 5,000		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

MATERIAL

SEE TABLE

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .005 [0.13]
4 PLC ± -
ANGLES ± -
FINISH

SEE TABLE

DWN C.C.THOMAS 1-30-09
CHK D.WILSON 2-2-09
APVD D.WILSON 2-2-09

PRODUCT SPEC
APPLICATION SPEC
WEIGHT -

CUSTOMER DRAWING

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
SMA JACK TO JACK ADAPTER

SIZE A2
CAGE CODE 00779
DRAWING NO. 1996998
SCALE 10:1

RESTRICTED TO
-
SHEET 1 of 1
REV A

1996998-1

PART NUMBER

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1996998-1](#)