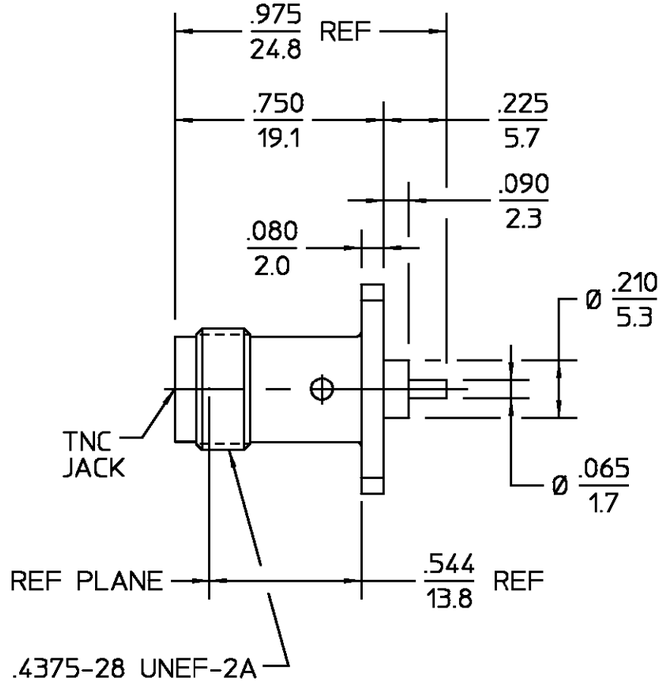
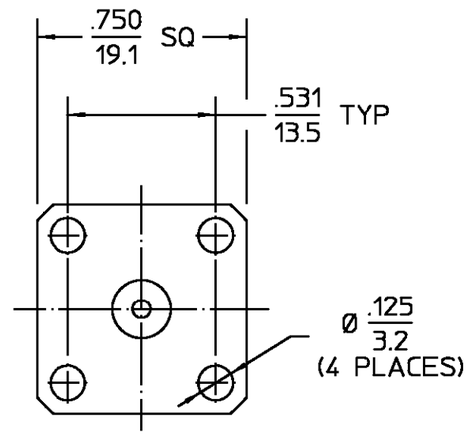
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_0	RELEASED	1/13/99	S. Morby

.XXX = in
XX.X = mm (REF)





DESIGN CONTROL REQUIRED

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions	Temperature Rating -65°C TO 125°C
Frequency Range (GHz) DC to 18	SCD# 1023376P Fig. 2	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Recommended Mating	204, Condition B.
@ Sea Level 500	Torque N/A	Shock MIL-STD-202, Method 213,
VSWR 1.09 +.009f(GHz)	Mating Characteristics:	Condition I.
Insertion Loss (dB MAX) .06 @ 1.0-1.2 GHz	Insertion (MAX Lbs) 2.0	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) -80 @ 1.0 GHz	Withdrawal (MIN Oz) 2.0	Method 107, Condition B
Corona, 70,000 Ft (VRMS MIN) 375	Force to Engage and	Moisture Resistance MIL-STD-202,
Dielectric Withstanding Voltage	Disengage (In-Lbs MAX) 2.0	Method 106. Insulation
(VRMS MIN) @ Sea Level 1,500	Center Contact Captivation	resistance shall be at least
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0	200 Meg Ohms within 5 minutes
Center Contact 2.0	Radial (In-Oz) 4.0	of removal from humidity.
Outer Contact 2.0	Weight (Grams) TBD	Corrosion - MIL-STD-202, Method
RF High Potential @ Sea Level		101, Condition B, 5% salt spray
(VRMS MIN @ 5 MHz) 1,000		
I.R.(Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCE ON
FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY S. Morby DATE 1/13/99
CHECKED BY
APP'D BY S. Morby 1/13/99

AMP

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USE ASS'Y PROCEDURE

NO. A.P. N/A

TITLE TNC HIGH-FREQ 4 HOLE FLANGE MOUNT JACK RECEPTACLE STRAIGHT TERMINAL

SIZE	CODE IDENT NO.		REV
B	26805	3752-5037-02	01_0
SCALE 5:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1329533-1
SHEET 1 OF 1 REV A