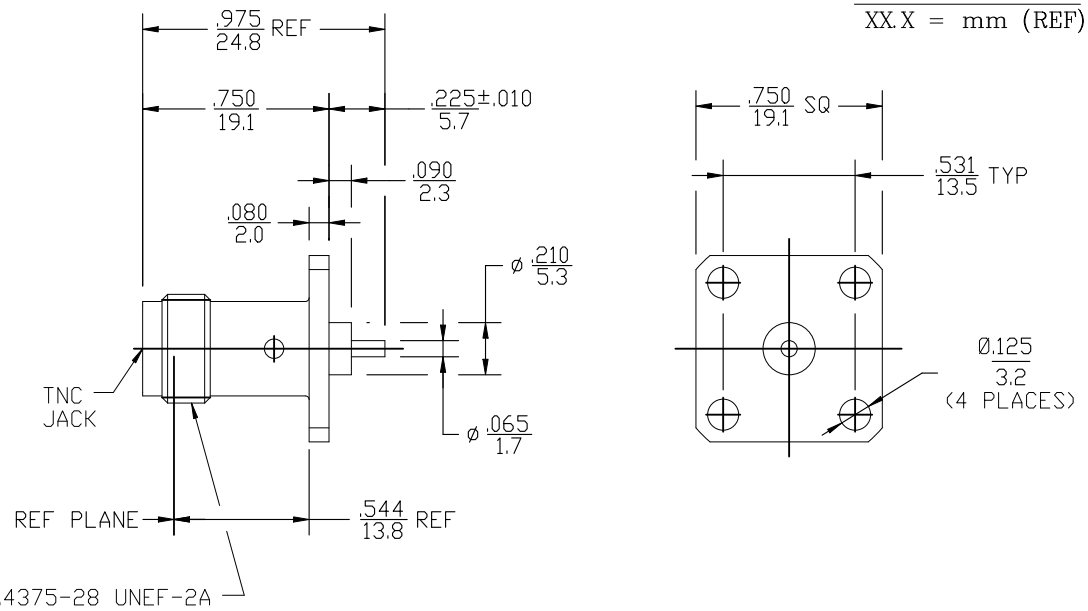
.XXX = in
XX.X = mm (REF)

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



DESIGN CONTROL REQUIRED

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC to 18
Volt Rating (VRMS MAX) @ Sea Level	500
VSWR	1.09 +.009f(GHz)
Insertion Loss (dB MAX)	.06 @ 1.0-1.2 GHz
RF Leakage (dB MIN)	-80 @ 1.0 GHz
Corona, 70,000 Ft (VRMS MIN)	375
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	1,500
Contact Resistance (Milliohms MAX)	
Center Contact	2.0
Outer Contact	2.0
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	1,000
I.R.(Megohms MIN)	5,000

MECHANICAL	
Interface Dimensions	SCD# 1023376P Fig. 2
Recommended Mating Torque	N/A
Mating Characteristics:	
Insertion (MAX Lbs)	2.0
Withdrawal (MIN Oz)	2.0
Force to Engage and Disengage (In-Lbs MAX)	2.0
Center Contact Captivation	
Axial (Lbs)	6.0
Radial (In-Oz)	4.0
Weight (Grams)	TBD

ENVIRONMENTAL	
Temperature Rating	-65°C TO 125°C
Vibration	MIL-STD-202, Method 204, Condition B.
Shock	MIL-STD-202, Method 213, Condition I.
Thermal Shock	MIL-STD-202, Method 107, Condition B
Moisture Resistance	MIL-STD-202, Method 106. Insulation resistance shall be at least 200 Meg Ohms within 5 minutes of removal from humidity.
Corrosion	MIL-STD-202, Method 101, Condition B, 5% salt spray

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

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

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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 B