

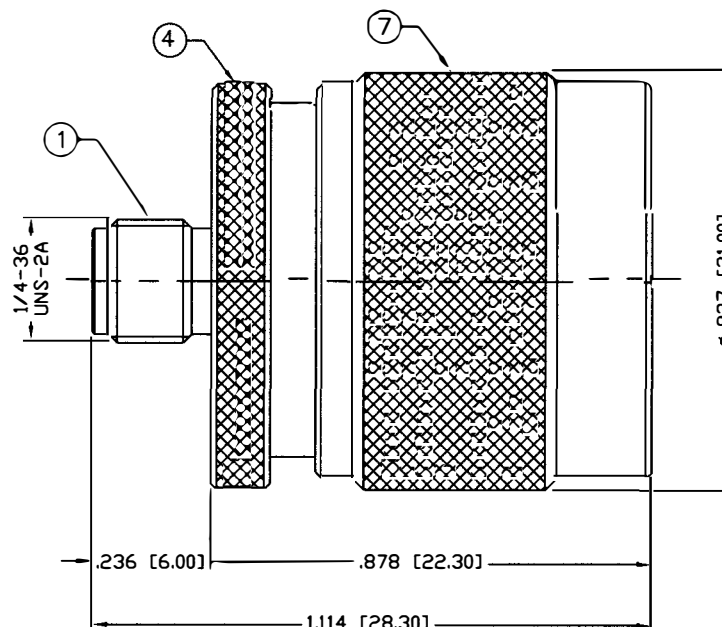
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ALL DIMENSIONS ARE REFERENCE ONLY

PART NO.

QT-RSA-3478

REV	DESCRIPTION	DWN	DATE	APPROVED
B	CHANGE PART # FROM RSA-2382 TO RSA-3478	WD	1/4/94	C. JONES
C	CREATE SECTION DRAWING	KMM	7/15/94	R. RICE
D	CHANGE CONTACT / DIELECTRIC / BODY	KMM	10/20/96	R. RICE
E	CHANGE DIMS THROUGHOUT / UPDATE FORMAT & SPECS	CZS	9/12/02	JDMc
F	ADDED NEW SPECIFICATIONS TO CONNECTOR	JDM	10/29/03	JDMc



SPECIFICATIONS:

IMPEDANCE: 50 Ohms
INTERFACE: Per MIL-STD-348
FREQUENCY RANGE: 0-11 GHz
VSWR: 1.15:1 Max to 6 GHz
INSERTION LOSS: -0.1 dB Max 0-4 GHz
WORKING VOLTAGE: 375 VRMS @ sea level
TEMPERATURE RANGE: -65°C TO 85°C
INSULATION RESISTANCE: 5k M Ohms min.
RF LEAKAGE: -90 dB Min. between 2 and 3 GHz
RF HIGH POTENTIAL: 1k VRMS @ 5~7.5 MHz
CONNECTOR DURABILITY: 500 Cycles Min.
CONNECTOR REPEATABILITY: IL < -0.1 dB

1	SMA BODY	1	BRASS	NICKEL, 100μ"	008974
2	INSULATOR	1	PTFE	WHITE	
3	CONTACT	1	PHOS BRONZE	GOLD, 3μ"	
4	BODY	1	BRASS	NICKEL, 100μ"	
5	RETAINING RING	1	SST	---	
6	GASKET	1	SILICONE	RED	
7	SHELL	1	BRASS	NICKEL, 100μ"	

8					
9					
10					
11					
12					
13					
14					
#	DESCRIPTION	QTY	MATERIAL	FINISH	APPROVALS

UNLESS OTHERWISE SPECIFIED:

1. REMOVE ALL BURRS
2. BREAK ALL CORNERS & EDGES .005 R. MAX.
3. CHAMFER 1ST & LAST THREADS 45°
4. SURFACE ROUGHNESS 63 FINISH MIL-STD-10
5. DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN .002 T.I.R.
6. ALL DIMENSIONS ARE AFTER PLATING.

DIMENSIONS ARE IN INCHES
AND [MILLIMETERS]

UNLESS OTHERWISE NOTED
TOLERANCES ARE:

DECIMALS	DIAMETER
.XXX±.003 [.08]	.XXX±.001 [.03]
.XX±.005 [.13]	.XX±.003 [.08]

LANshack
Sales@LANshack.com | 888-568-1230

SMA JACK TO N PLUG

ADAPTER

SIZE	CABLE GROUP	DWG N	REV
A	N/A	QT-RSA-3478	F
SCALE: NTS		CAD FILE OUTLINE	SHEET 1 OF 1