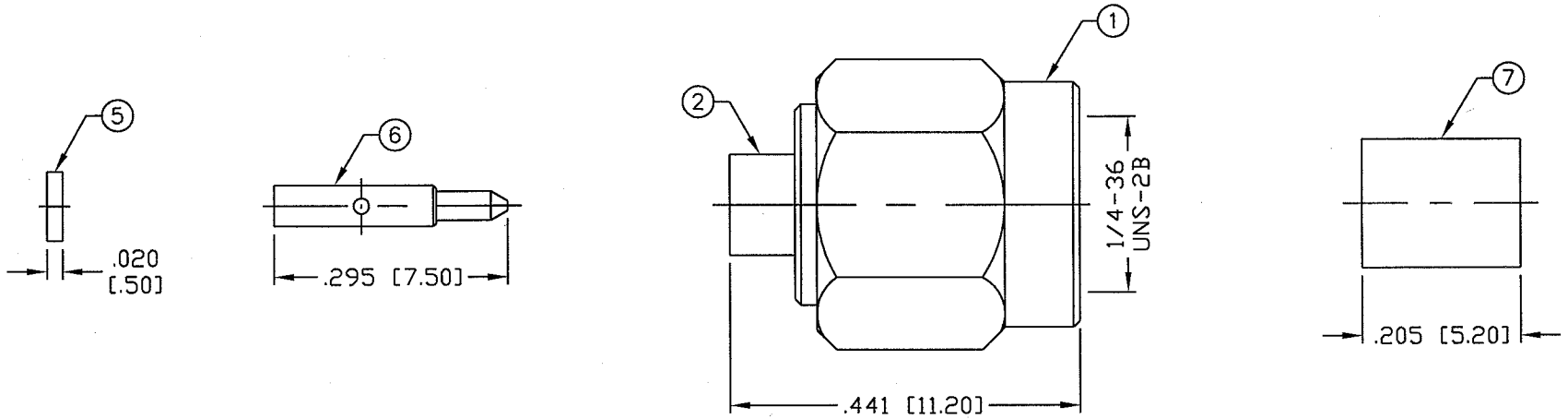
THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO RF INDUSTRIES.
ANY UNAUTHORIZED USE OF THIS DRAWING IS EXPRESSLY PROHIBITED
WITHOUT WRITTEN PERMISSION FROM RF INDUSTRIES.
ANY VIOLATION IS PUNISHABLE UNDER U.S. COPYRIGHT LAWS.

ALL DIMENSIONS ARE REFERENCE ONLY

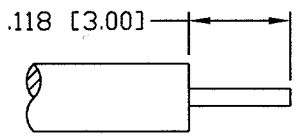
PART NO. **RSA-3500-1-085**

REV	DESCRIPTION	DWN	DATE	APPROVED
–	ENGINEERING RELEASE	CZS	5/30/00	JDMc



SPECIFICATIONS:

IMPEDANCE: 50 Ohms
FREQUENCY RANGE: 0–18 GHz
INSERTION LOSS(dB): 0.03 x $\sqrt{f(GHz)}$
VSWR: 1.3 MAX.
WORKING VOLTAGE: 500 V rms Max. @ Sea Level
INSULATION RESISTANCE: 5000 MegOhms
TEMPERATURE RANGE: –65°C TO 165°C
FOR .085 SEMI RIGID, RG–405/U & BELDEN 1671A CABLE



RECOMMENDED STRIPPING DIMENSIONS

#	DESCRIPTION	QTY	MATERIAL	FINISH
1	SHELL	1	BRASS	GOLD, 3μ"
2	BODY	1	BRASS	GOLD, 3μ"
3	RETAINING RING	1	Be.Cu.	---
4	GASKET	1	SILICONE	RED
5	INSULATOR	1	PTFE	---
6	PIN	1	BRASS	GOLD, 50μ"
7	INSULATOR	1	PTFE	---
8				
9				
10				
11				
12				
13				
14				

008974

APPROVALS	DATE
DRAWN C. ZUNIGA	7/5/01
CHECKED	7-9-01
ORJ DRAWN C. ZUNIGA	7/5/01

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]

RF connectors
DIVISION OF RF INDUSTRIES, LTD.
7610 MIRAMAR RD
SAN DIEGO,CA 92126
(858) 549-6340
(858) 549-6345 FAX

SMA MALE, SOLDER PLUG

SIZE	CABLE GROUP	DWG NO.	REV
A	SR1	RSA-3500-1-085	—

SCALE: NTS | CAD FILE OUTLINE | SHEET 1 OF 1

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

RF Industries:

RF123-7002-B RFB-1124-1X RFU-507-SI RFW-12404-30-5 RSA-3402 RFU-500 RFU-601-3 RFW-5573-7 RSA-3478 RF123-7052-1B RFU-600-6C1 RQA-5000-SR2LP RQA-5010-SR2LP RSA-3252-C RFT-1239 RFB-1137 RFD-1601-HPL RFD-1610DS-H4 RFW-5573-16 RFW-5573-60 RFD-225M-SR2 RFN-1007-2SX RFU-505 RFU-601-1X RFU-632 COMP-TM-400PL RFU-600-5 RFU-602-2 RFU-633 RQN-1300-SR2