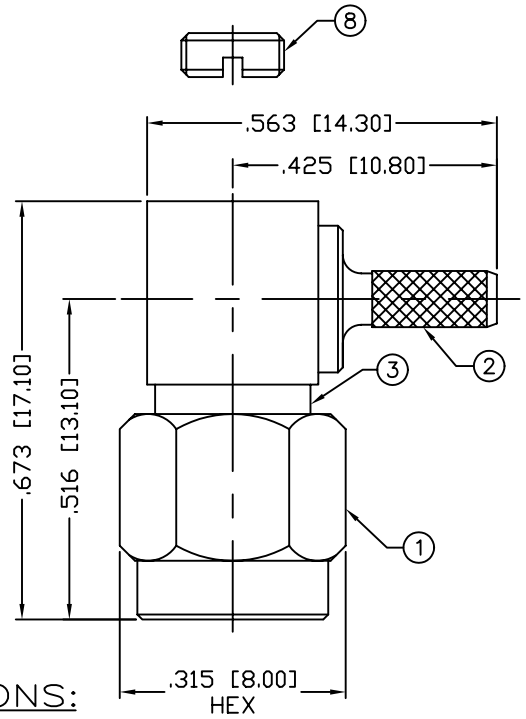
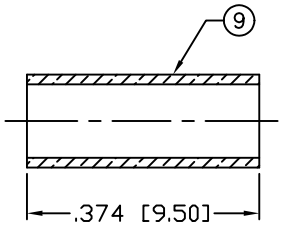
THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO RF INDUSTRIES,
ANY UNAUTHORIZED USE OF THIS DRAWING IS EXPRESSLY PROHIBITED
WITHOUT WRITTEN PERMISSION FROM RF INDUSTRIES.
ANY VIOLATION IS PUNISHABLE UNDER U.S. COPYRIGHT LAWS.

PART NO. **RSA-3010-B**

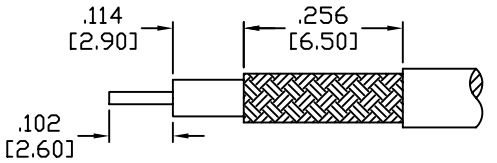
REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	KMM	3/9/94	C. JONES
B	ADD STRIPPING INST	KMM	1/16/96	R. RICE
C	ADD FERRULE & FERRULE STUD ID DIMS	KMM	8/21/96	R. RICE
D	UPDATE DWG & TITLE BLOCK	CZS	4/7/05	JDMc

ALL DIMENSIONS ARE REFERENCE ONLY





RECOMMENDED CRIMP DIE: .130"

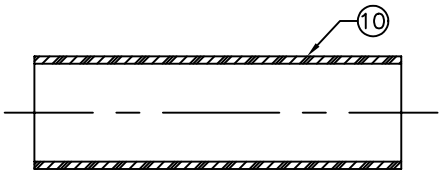


RECOMMENDED STRIPPING DIMENSIONS

SPECIFICATIONS:

IMPEDANCE: 50 Ohms
FREQUENCY RANGE: 0–12.4 GHz
INSERTION LOSS(dB): 0.07 x $\sqrt{f(GHz)}$
VSWR: 1.3 MAX.
WORKING VOLTAGE: 375 V rms Max. @ Sea Level
INSULATION RESISTANCE: 5k M Ohms min.
TEMPERATURE RANGE: –65°C TO 85°C
FOR RG–174, 188, 188A, 316/U, ALPHA 9174, 9316,
BELDEN 8216, 83269, 83284, 84316 & TIMES LMR–100A CABLE

NOTE: ATTACH CABLE TO CONNECTOR BY SOLDERING THE CABLE INNER CONDUCTOR TO THE PIN SLOT INSIDE THE CONNECTOR



#	DESCRIPTION	QTY	MATERIAL	FINISH
1	SHELL	1	BRASS	NICKEL, 100μ"
2	BODY	1	BRASS	NICKEL, 100μ"
3	SMA BODY	1	BRASS	NICKEL, 100μ"
4	INSULATOR	1	PTFE	---
5	PIN	1	BRASS	GOLD, 50 μ"
6	RETAINING RING	1	Be. Cu.	---
7	GASKET	1	SILICONE	---
8	COVER	1	BRASS	NICKEL, 100μ"
9	FERRULE	1	COPPER	NICKEL, 100μ"
10	TUBING	1	HEAT SHRINK	---
11				
12				
13				
14				

008974

APPROVALS	DATE
DRAWN C. ZUNIGA	4/7/05
CHECKED	
ORJ DRAWN K. MAXWELL	3/9/94

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]
UNLESS OTHERWISE NOTED TOLERANCES ARE:
DECIMALS | DIAMETER

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

SMA PLUG, CRIMP

RIGHT ANGLE

SIZE	CABLE GROUP	DWG NO.	REV
A	B	RSA–3010–B	D

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:

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