

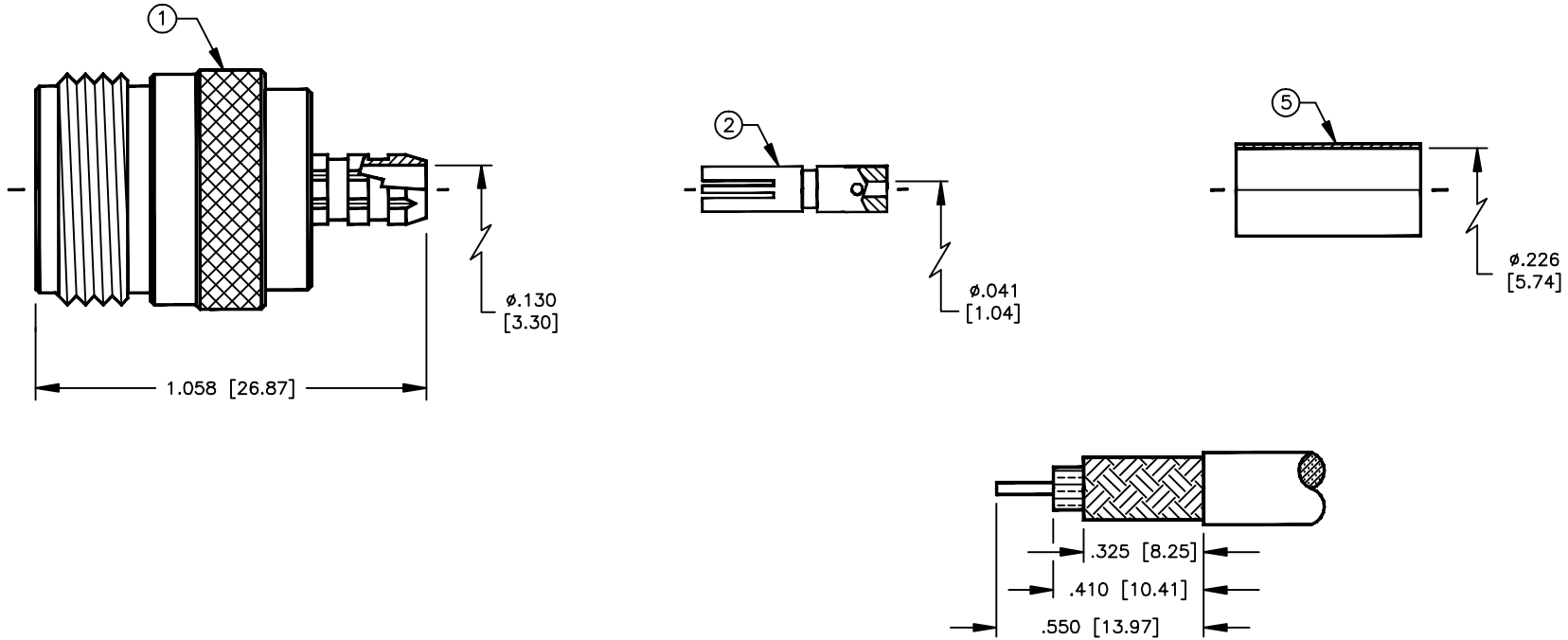
# SPECIFICATION CONTROL DRAWING

THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO RF INDUSTRIES, LTD. ANY UNAUTHORIZED USE OF THIS DRAWING IS EXPRESSLY PROHIBITED. ANY VIOLATION IS PUNISHABLE UNDER U.S. COPYRIGHT LAWS.

REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	KMM	7/17/96	R. RICE
B	CHG CONTACT, FER STUD & DIE DIMS / CORRECT DIMS	CZS	12/16/98	R. RICE

000000

ALL DIMENSIONS ARE REFERENCE ONLY



SUGGESTED STRIPPING INSTRUCTIONS  
SUGGESTED CRIMP DIES: .100 & .213

## SPECIFICATIONS:

IMPEDANCE: 50 OHMS  
WORKING VOLTAGE: 1000 VRMS @ SEA LEVEL  
FREQUENCY RANGE: 0-11 GHz  
INSERTION LOSS:  $\leq -2$  dB @ 10 GHz  
VSWR MAX: 1.3:1 @ 9 GHz  
FOR RG-55, 55A, 55B, 142, 142A, 142B & 223/U,  
ALPHA 9055, 9055B, 9223, BELDEN 8219, 83242, 84142, 9907  
INTERFACE PER MIL-STD-348A, SECTION 304.2

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]	
UNLESS OTHERWISE NOTED TOLERANCES ARE: DECIMALS      DIAMETER	
DRAWN C. ZUNIGA	12/16/98
CHECKED	
ORJ DRAWN K. MAXWELL	7/17/96
APPROVALS	DATE

**RF connectors**  
DIVISION OF RF INDUSTRIES, LTD.

7610 MIRAMAR RD  
SAN DIEGO, CA 92126  
(619)549-6340  
(619)549-6345 FAX

## RFN-1027-C1

N FEMALE CRIMP

ITEM	DESCRIPTION	QTY	MATERIAL	FINISH
5	FERRULE [FER-20C1]	1	BRASS	SILVER
4	PRESS-FIT GROUND RING	1	BRASS	SILVER
3	DIELECTRIC	1	PTFE	NONE
2	CONTACT	1	BRASS	GOLD
1	BODY	1	BRASS	SILVER

SIZE A	CABLE GROUP C1	DWG NO. 8655	REV B
SCALE: 2:1		CAD FILE 13ARC B	SHEET 1 OF 1