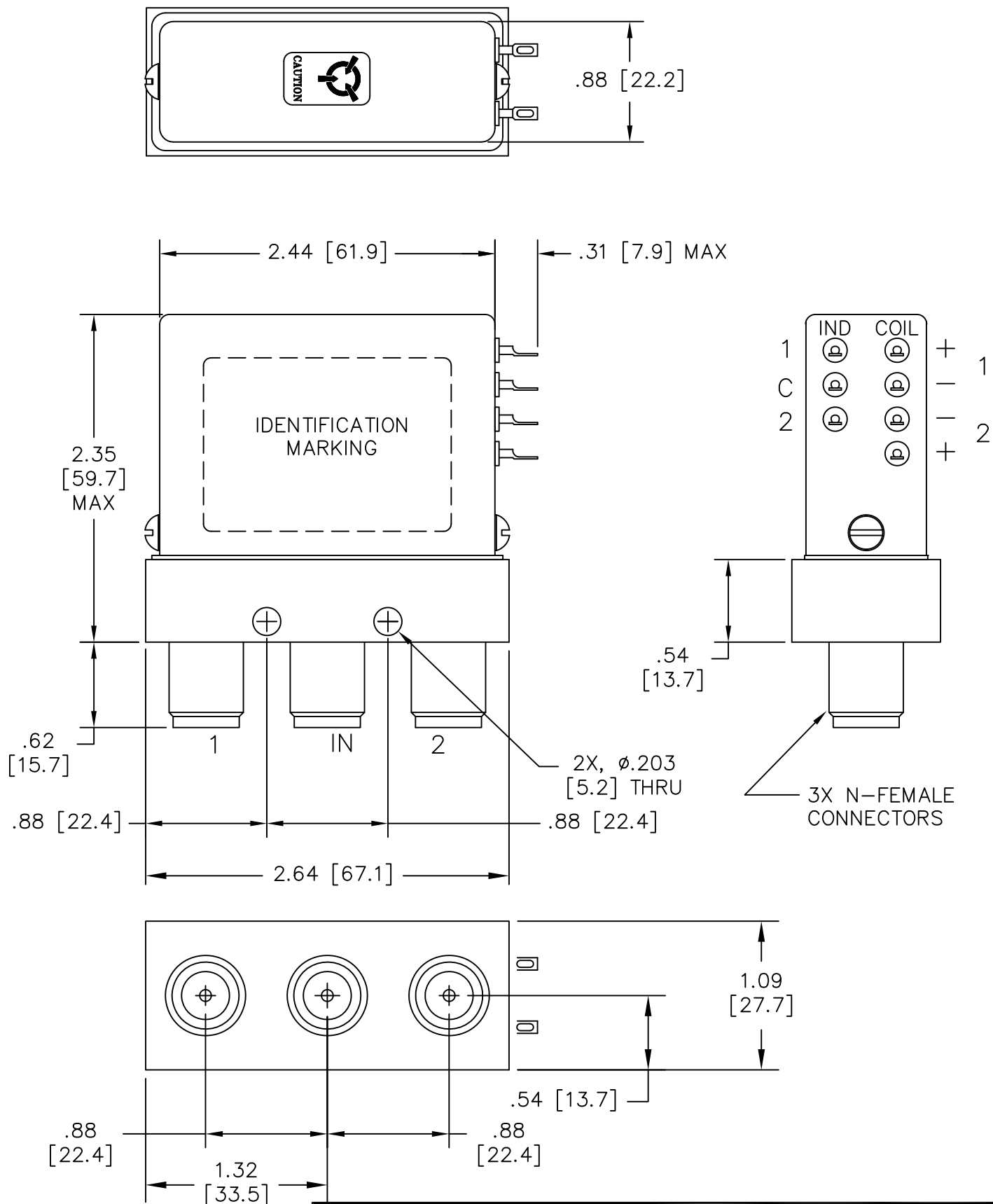


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	1/30/98	J.A.
B	REVISED PER ECO #9484	12/5/08	K.R.
C	REVISED PER ECO #10408	7/30/12	K.R.

Nominal Coil Voltage	Part Number
12 Vdc	402A-420132
15 Vdc	402A-490132
24 Vdc	402A-480132
28 Vdc	402A-430132

REVISIONS	C	C	C				 DowKey® Microwave CORPORATION	4822 McGrath Street Ventura, CA. 93003-5641 PH: (805) 650-0260 FAX: (805) 650-1734
SHEET NO.	1	2	3					
APPROVALS			DATE				 A DOVER TECHNOLOGIES COMPANY	SWITCH, SPDT, LATCHING SELF CUT-OFF HI-POWER N-FEMALE CONNECTORS, MECHANICAL INDICATORS
DRAWN S. LEE			12/2/08					
ENG D. SUN			12/5/08					
ENG. MGR. G. NICKLAUS			12/3/08					
SALES MGR. A. CHEUNG			12/4/08					
Q.A. MGR. S. LYNCH			12/5/08				CODE IDENT. NO.	DWG. NO.
MFG. MGR. R. GONZALEZ			12/4/08				00471	402A-4X0132
			SCALE NONE				FINAL ASSY:	SHEET 1 OF 3

OUTLINE DRAWING:



[] MILLIMETERS

UNLESS OTHERWISE
SPECIFIED TOLERANCES
ARE:
.XXX $\pm$.010 ANGLES: $\pm$ 3°
.XX $\pm$.030

CODE IDENT. NO.
00471

DWG. NO.
402A-4X0132

REV.
C

SCALE NONE

SHEET 2 OF 3

SPECIFICATIONS:

1. RF CHARACTERISTICS:

1.1 FREQUENCY (GHz):	DC-1	1-2	2-4	4-8	8-12.4
1.2 VSWR (RATIO MAX):	1.15:1	1.20:1	1.25:1	1.45:1	1.50:1
1.3 INSERTION LOSS (dB MAX):	0.15	0.20	0.25	0.40	0.50
1.4 ISOLATION (dB MIN):	85	80	70	60	60
1.5 RF POWER (WATTS CW MAX):	1000	750	550	400	350

2. ACTUATION DATA:

2.1

NOMINAL VOLTAGE	OPERATING VOLTAGE	CURRENT (TYP) @ NOMINAL VOLTAGE & 25°C
12	11-14	300mA
15	13-17	290mA
24	20-28	165mA
28	24-32	125mA

2.2 SWITCHING TIME: 20ms MAX

2.3 OPERATING MODE: LATCHING SELF CUT-OFF

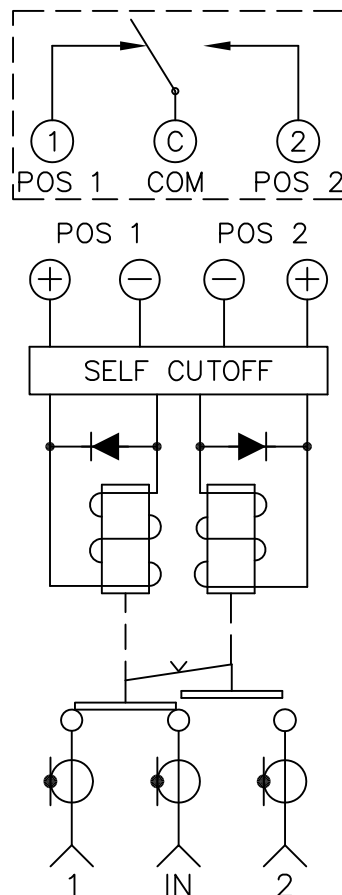
3. MECHANICAL:

3.1 RF CONTACTS:	BREAK BEFORE MAKE
3.2 WEIGHT:	7.5oz. (212g.) NOMINAL
3.3 DESIGN LIFE:	1,000,000 CYCLES MIN

4. ENVIRONMENTAL:

4.1 OPERATING TEMPERATURE:	-25°C TO +65°C
4.2 STORAGE TEMPERATURE:	-55°C TO +85°C
4.3 SEAL:	GASKET SEALED

SCHEMATIC:



SHOWN WITH POSITION 1 ENERGIZED

CODE IDENT. NO. 00471	DWG. NO. 402A-4X0132	REV. C
SCALE NONE	SHEET 3 OF 3	