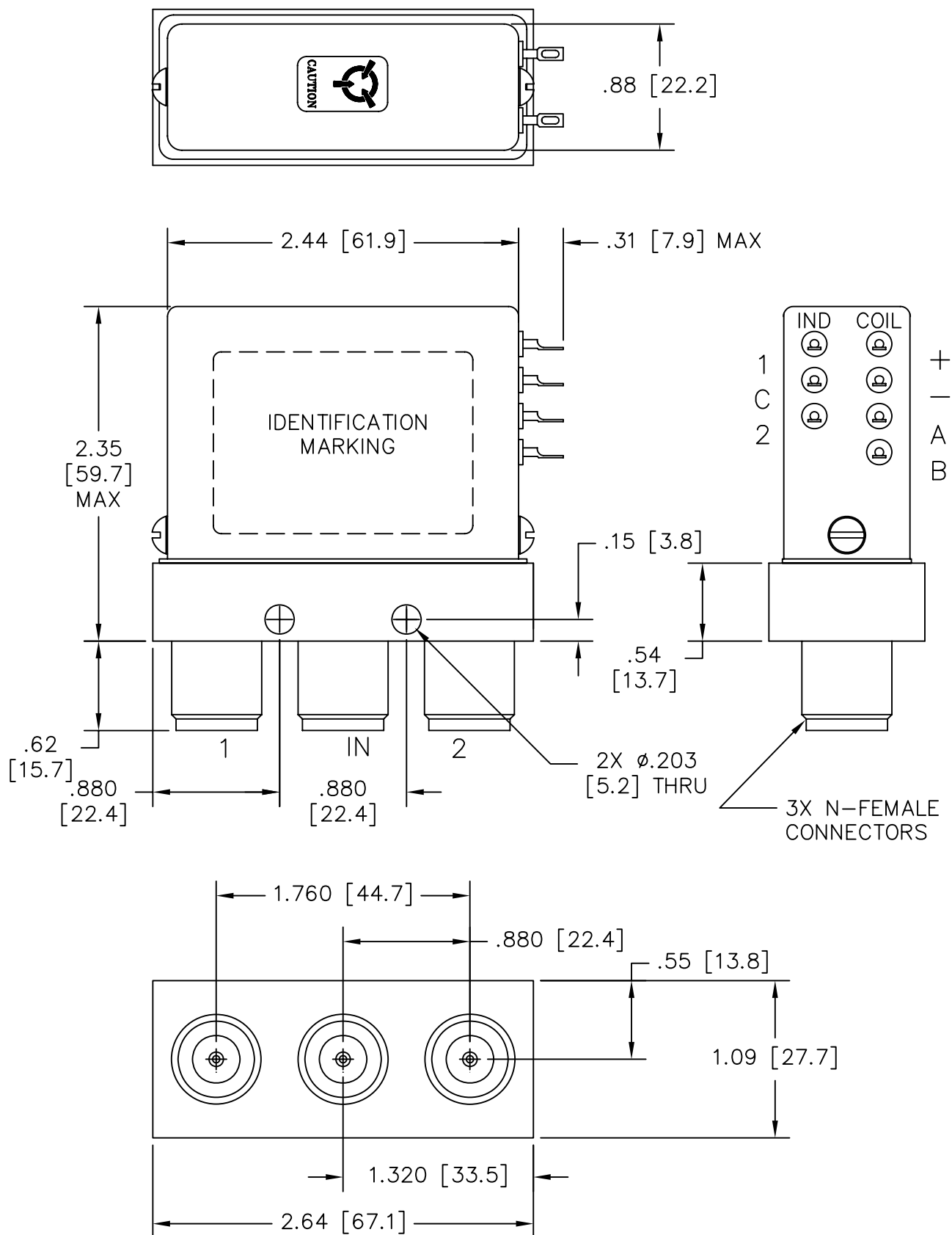


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	10/27/99	J.A.
B	REVISED PER ECO #9341	6/25/08	K.R.
C	REVISED PER ECO #9717	11/03/09	K.R.

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

REVISIONS	C	C	C				 DowKey[®] Microwave CORPORATION A DOWKEY TECHNOLOGIES COMPANY	4822 McGrath Street Ventura, CA. 93003-5641 PH: (805) 650-0260 FAX: (805) 650-1734
SHEET NO.	1	2	3					
APPROVALS	DATE							
DRAWN R. CANNY	9/7/99						SWITCH, SPDT, LATCHING SELF CUT-OFF N-FEMALE CONNECTORS, INDICATORS TTL-HI CONTROL CIRCUIT	
ENG C. BURAU	10/25/99							
ENG. MGR. D. FAIRBANKS	10/25/99							
SALES MGR. L. NEELEY	10/27/99							
Q.A. MGR. D. WYNN	10/25/99							
MFG. MGR. R. VANYSSELDYKE	10/25/99						CODE IDENT. NO. 00471	DWG. NO. 402-4X0132A
SCALE NONE							FINAL ASSY:	SHEET 1 OF 3

OUTLINE DRAWING:



[] MILLIMETERS

UNLESS OTHERWISE
SPECIFIED TOLERANCES
ARE:
.XXX ±.010 ANGLES: ±3°
.XX ±.030

CODE IDENT. NO.
00471

DWG. NO.
402-4X0132A

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	1.35:1	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):	600	400	300	225	175

2. ACTUATION DATA:

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

2.2 SWITCHING TIME: 20mS MAX

2.3 OPERATING MODE: LATCHING SELF CUT-OFF

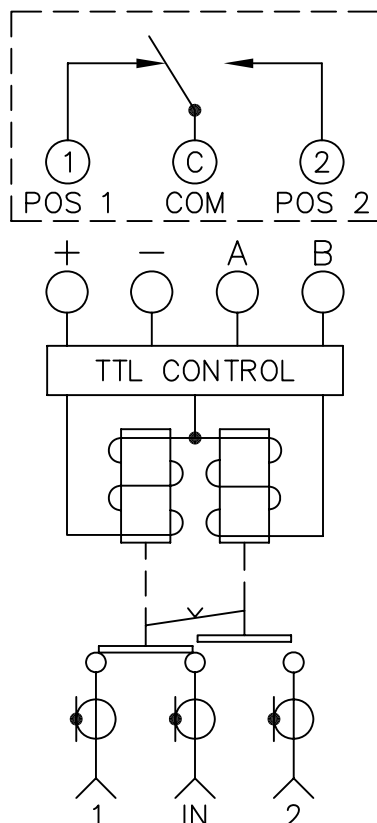
3. MECHANICAL:

3.1 RF CONTACTS:	BREAK BEFORE MAKE
3.2 WEIGHT:	9.0oz. (260g.) 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

SCHEMATIC:



LOGIC TRUTH TABLE			
RF PATH	INDICATOR PATH	LOGIC INPUT "A"	LOGIC INPUT "B"
IN-1	COM-1	1	0
IN-2	COM-2	0	1

"0" = 0.0V-0.8V

"1" = 2.4V-5.5V

CODE IDENT. NO. 00471	DWG. NO. 402-4X0132A	REV. C
SCALE NONE	SHEET 3 OF 3	