

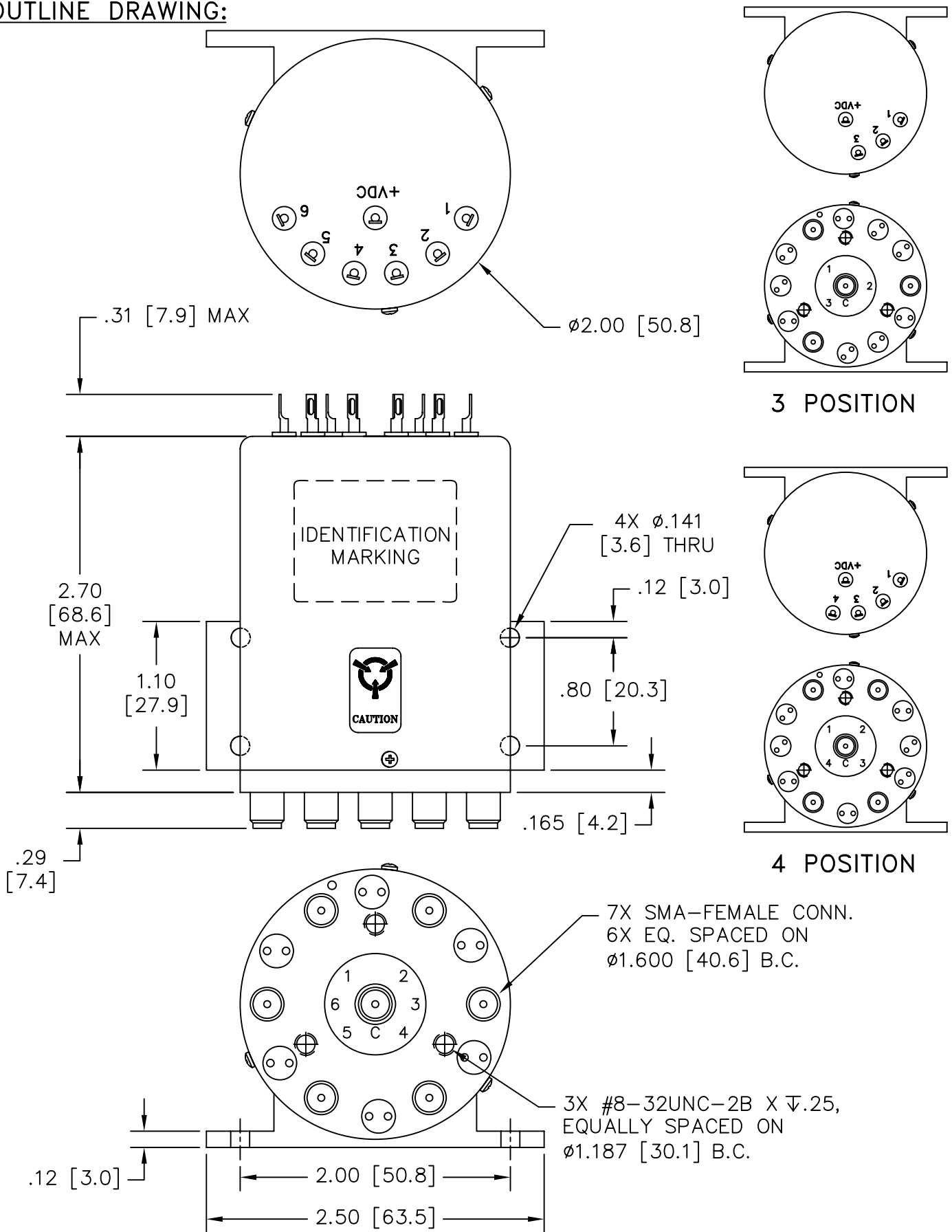


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	2/04/09	K.R.

Nominal Coil Voltage	Part Number		
	SP3T	SP4T	SP6T
12 Vdc	431C-4208	441C-4208	461C-4208
15 Vdc	431C-4908	441C-4908	461C-4908
24 Vdc	431C-4808	441C-4808	461C-4808
28 Vdc	431C-4308	441C-4308	461C-4308

REVISIONS	A	A	A				 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				 SWITCH, 3-6 POS., LATCHING, SELF CUT-OFF, SMA-FEMALE CONNECTORS, MOUNTING BRACKET	
DRAWN	S. LEE		2/02/09					
ENG	S. LEE		2/03/09					
ENG. MGR.	G. NICKLAUS		2/03/09					
SALES MGR.	J. TRUJILLO		2/04/09					
Q.A. MGR.	R. MATSUMOTO		2/03/09					
MFG. MGR.	R. GONZALEZ		2/03/09				CODE IDENT. NO. 00471	DWG. NO. 4X1C-4X08
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. 4X1C-4X08	REV. A
	SCALE NONE	SHEET 2 OF 3	

SPECIFICATIONS:

1. RF CHARACTERISTICS:

1.1 FREQUENCY (GHz):	DC-4	4-8	8-12.4	12.4-18
1.2 VSWR (RATIO MAX):	1.20:1	1.30:1	1.40:1	1.50:1
1.3 INSERTION LOSS (dB MAX):	0.20	0.30	0.40	0.50
1.4 ISOLATION (dB MIN):	80	75	70	60
1.5 RF POWER (WATTS CW MAX):	100	50	35	25

2. ACTUATION DATA:

2.1

NOMINAL VOLTAGE	OPERATING VOLTAGE	CURRENT (TYP) @ NOMINAL VOLTAGE & 25°C
12	11-14	570mA
15	13-17	365mA
24	20-28	225mA
28	24-32	180mA

2.2 SWITCHING TIME: 15ms MAX
2.3 OPERATING MODE: LATCHING SELF CUT-OFF

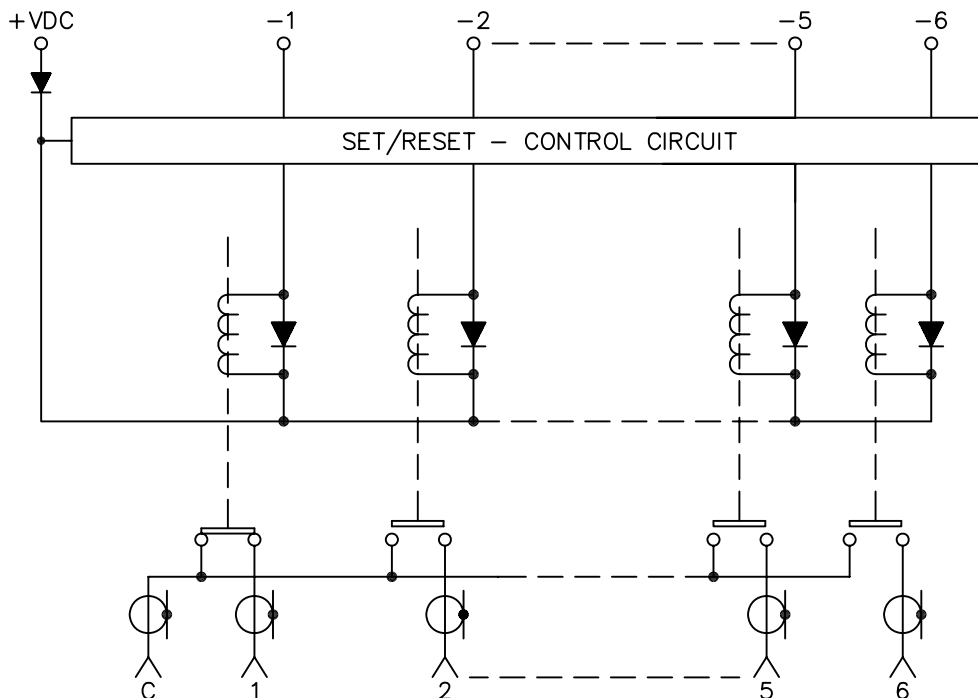
3. MECHANICAL:

3.1 RF CONTACTS: BREAK BEFORE MAKE
3.2 WEIGHT: 11oz. (312g.) 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: SAND AND DUST

SCHEMATIC:



SCHEMATIC SHOWN IN POSITION 1.

CODE IDENT. NO. 00471	DWG. NO. 4X1C-4X08	REV. A
SCALE NONE	SHEET 3 OF 3	