
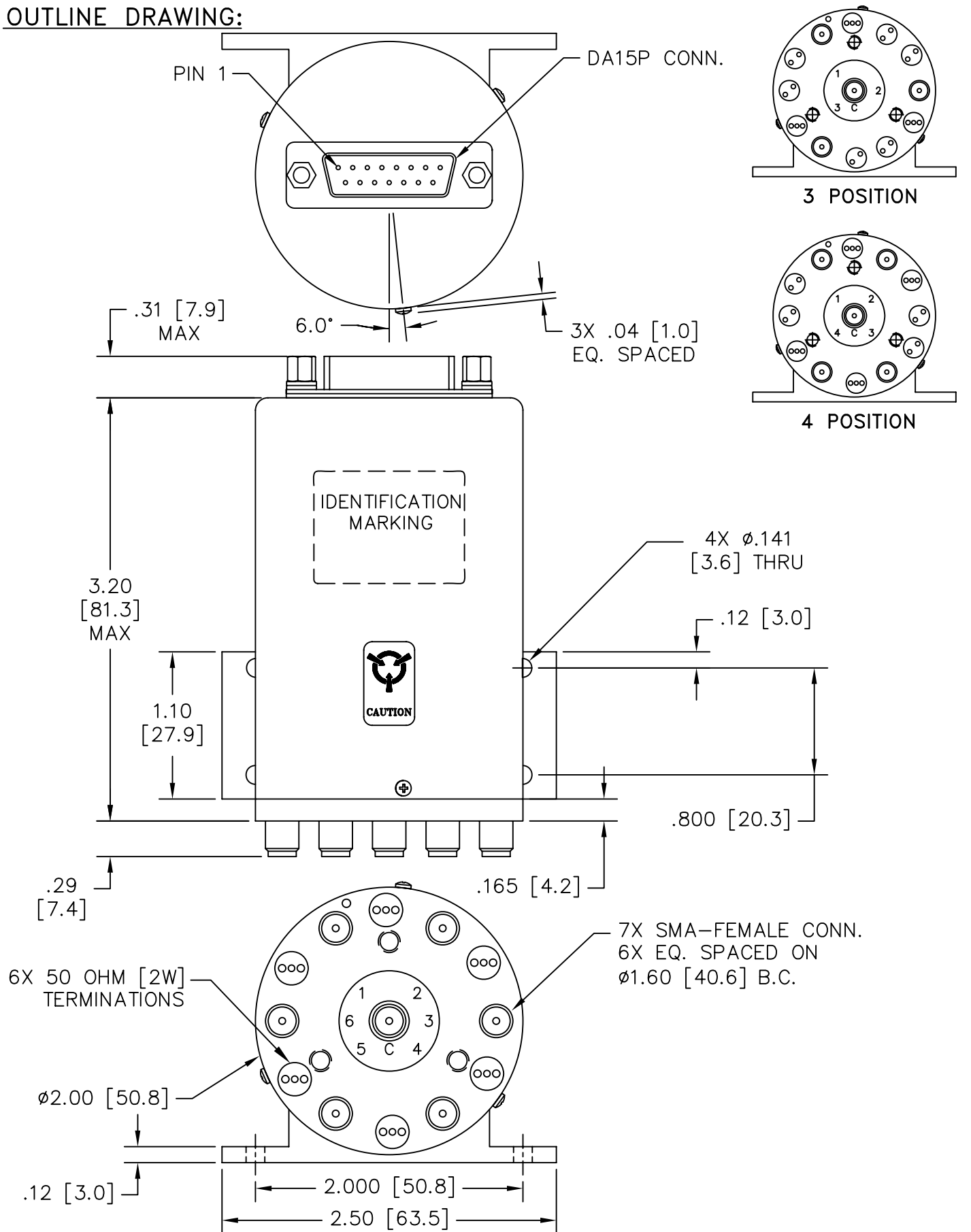


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	7/28/08	K.R.

Nominal Coil Voltage	Part Number		
	SP3T	SP4T	SP6T
12 Vdc	431CJ-420803	441CJ-420803	461CJ-420803
15 Vdc	431CJ-490803	441CJ-490803	461CJ-490803
24 Vdc	431CJ-480803	441CJ-480803	461CJ-480803
28 Vdc	431CJ-430803	441CJ-430803	461CJ-430803

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				A DOVER TECHNOLOGIES COMPANY SWITCH, 3-6 POSITION, LATCHING SELF CUT-OFF, SMA-FEMALE CONN., 50 OHM [2W] TERMINATIONS MOUNTING BRACKET, DA15P DC CONNECTOR	
DRAWN S. LEE			7/28/08					
ENG G. NICKLAUS			7/28/08					
ENG. MGR. R. SZNUK			7/28/08					
SALES MGR. J. TRUJILLO			7/28/08					
Q.A. MGR. S. LYNCH			7/28/08					
MFG. MGR. R. GONZALEZ			7/28/08					
			CODE IDENT. NO.		DWG. NO.			
			00471		4X1CJ-4X0803			
			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.
 4X1CJ-4X0803

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

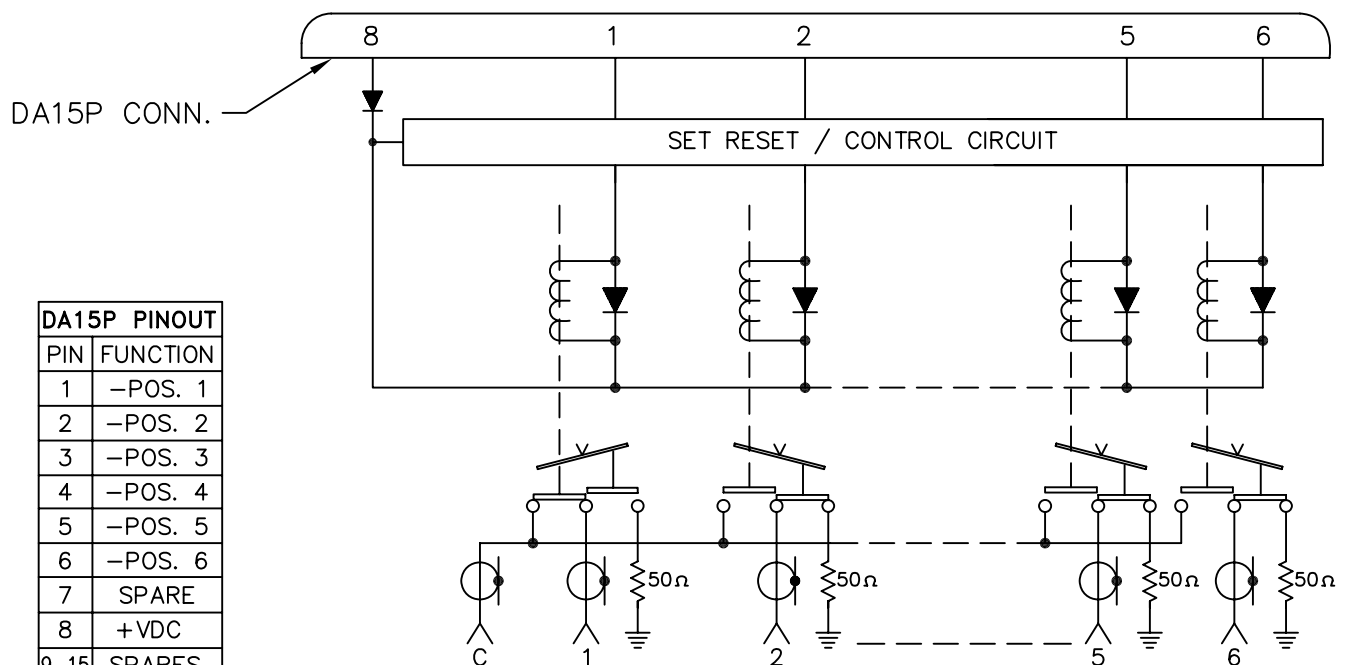
3. MECHANICAL:

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:



DA15P PINOUT	
PIN	FUNCTION
1	-POS. 1
2	-POS. 2
3	-POS. 3
4	-POS. 4
5	-POS. 5
6	-POS. 6
7	SPARE
8	+VDC
9-15	SPARES

SCHEMATIC SHOWN WITH POSITION 1 SELECTED.

CODE IDENT. NO. 00471	DWG. NO. 4X1CJ-4X0803	REV. A
SCALE NONE	SHEET 3 OF 3	