
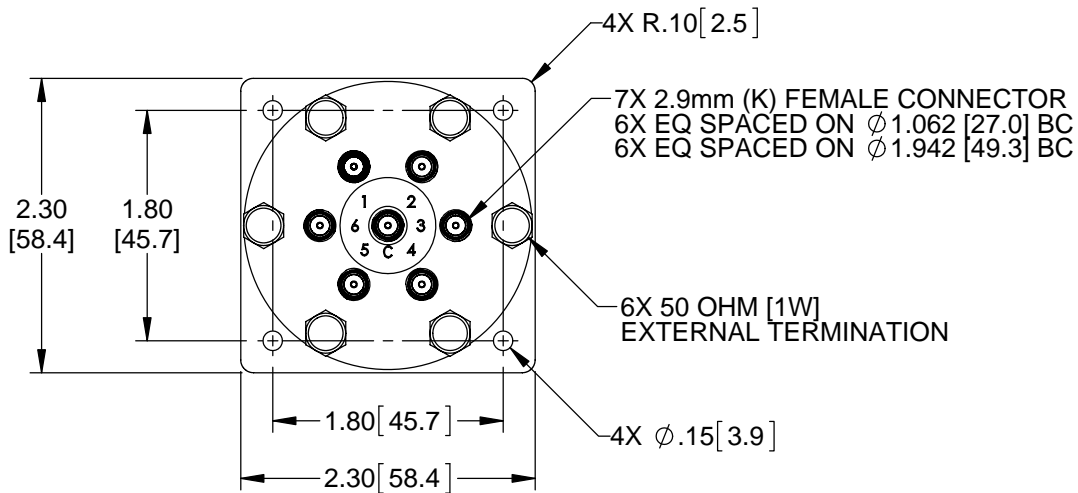
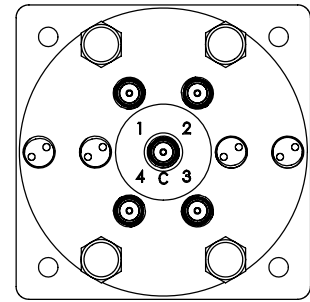
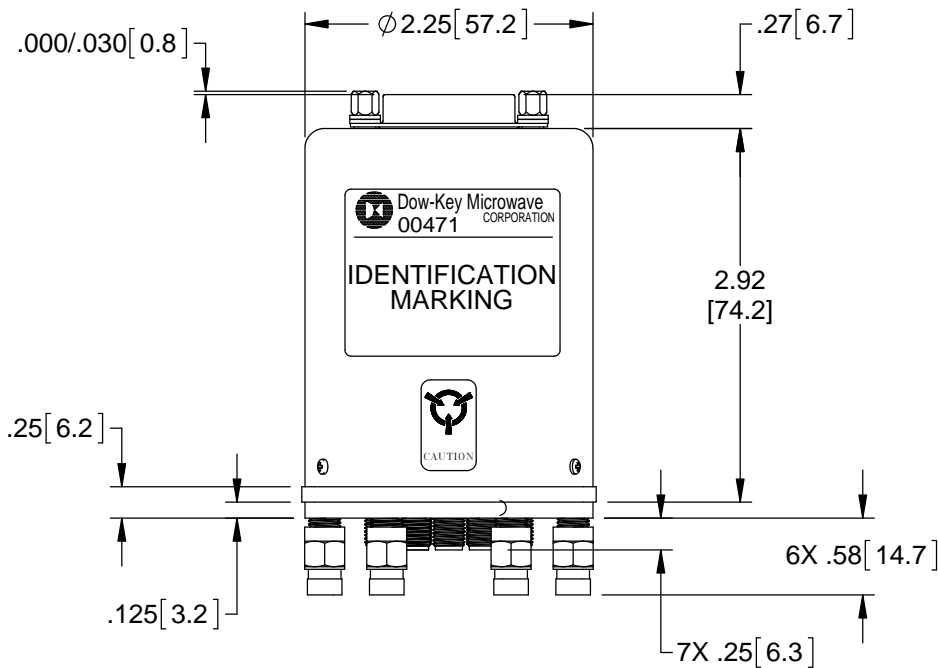
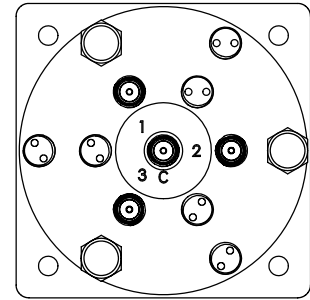
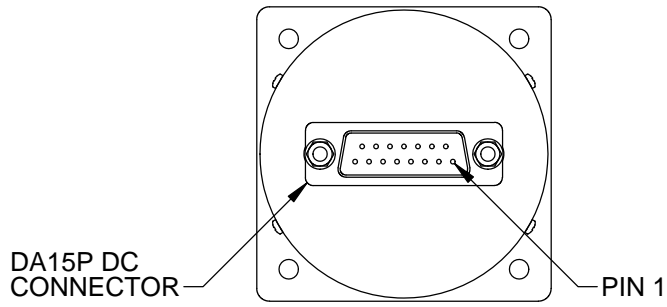


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	REVISED PER ECO 9890	07/01/10	K.R.
C	REVISED PER ECO 11600	1/10/17	K.R.

Nominal Coil Voltage	Part Number		
	SP3T	SP4T	SP6T
12 Vdc	531JY-421103A	541JY-421103A	561JY-421103A
24 Vdc	531JY-481103A	541JY-481103A	561JY-481103A
28 Vdc	531JY-431103A	541JY-431103A	561JY-431103A

REVISIONS	C	C	C				 DowKey® Microwave CORPORATION <small>A DOVER TECHNOLOGIES COMPANY</small>	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 POSITION, LATCHING SELF CUT-OFF 2.9mm (K) FEMALE CONNECTORS, DA15P DC CONN 5V CTRL, 50 OHM [1W] EXT TERM, DC - 40 GHZ	
DRAWN	SARA LEE	1/3/2017						
ENGINEERING	T. JOHNSON	1/4/2017						
QUALITY	S. LYNCH	1/5/2017						
MANUFACTURING	R. GARCIA	1/6/2017						
CODE IDENT. NO.		DWG. NO.						
00471		5X1JY-4X1103A						
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. 5X1JY-4X1103A	REV. C
	SCALE NONE	FINAL ASSY:	SHEET 2 OF 3

SPECIFICATION:

1.0 RF CHARACTERISTICS:

1.1 FREQUENCY (GHz)	DC - 6	6 - 12	12 - 18	18 - 26.5	26.5 - 40
1.2 VSWR (RATIO MAX)	1.30:1	1.40:1	1.50:1	1.70:1	1.95:1
1.3 INSERTION LOSS (dB MAX)	0.30	0.40	0.50	0.70	0.95
1.4 ISOLATION (dB MIN)	70	60	60	55	50
1.5 RF POWER (WATTS CW MAX) AT SEA LEVEL, +25°C, LOAD VSWR 1:1	40	30	25	15	8
1.6 IMPEDANCE (NOMINAL)	50 OHMS				

2.0 ACTUATION DATA:

2.1	NOMINAL VOLTAGE	OPERATING VOLTAGE	CURRENT (NOMINAL) @ NOMINAL VOLTAGE & 25°C
	12	11-14	530mA
	24	20-28	240mA
	28	24-32	210mA

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

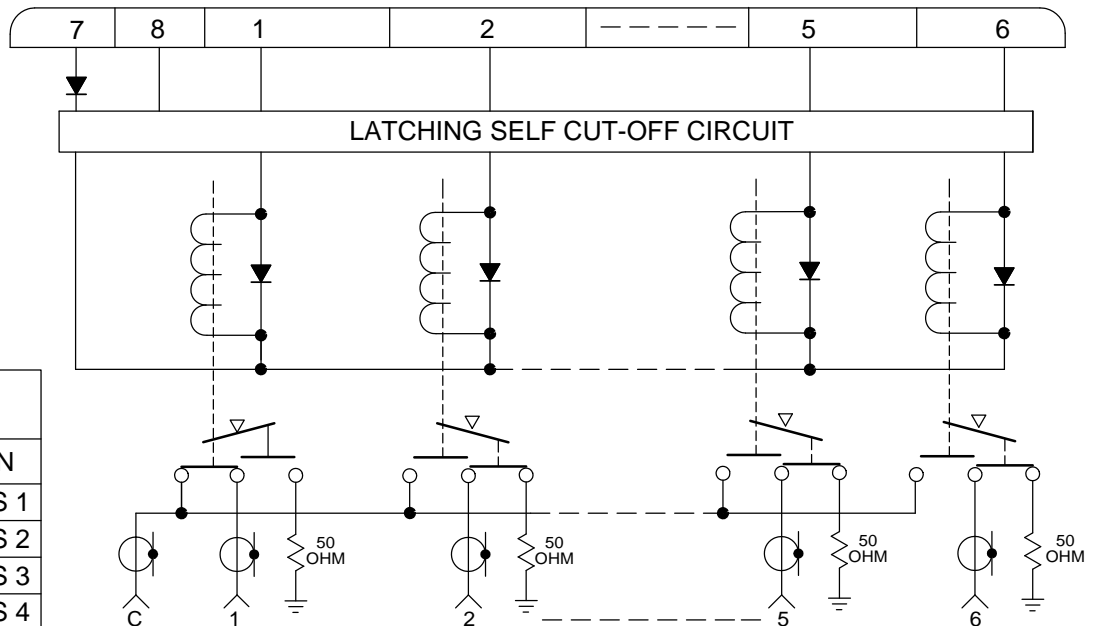
3.0 MECHANICAL:

3.1 CONTACT ARRANGEMENT	SP3T - SP6T
3.2 RF CONTACTS	BREAK BEFORE MAKE
3.3 WEIGHT	10oz (284g) NOMINAL
3.4 DESIGN LIFE	1,000,000 CYCLES MINIMUM

4.0 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

SCHMATIC:



DA15P PIN-OUT	
PIN NO	FUNCTION
1	LOGIC POS 1
2	LOGIC POS 2
3	LOGIC POS 3
4	LOGIC POS 4
5	LOGIC POS 5
6	LOGIC POS 6
7	+VDC
8	-COM
9 - 15	NO CONNECT

CODE IDENT. NO. 00471	DWG. NO. 5X1JY-4X1103A	REV. C
SCALE NONE	FINAL ASSY:	SHEET 3 OF 3