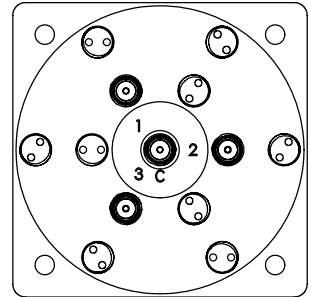
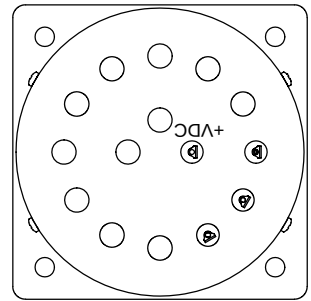


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	4/18/07	K.R.
B	REVISED PER ECO 11600	12/14/16	K.R.

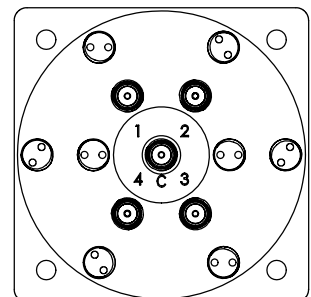
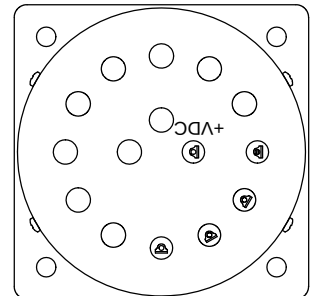
Nominal Coil Voltage	SP3T	Part Number SP4T	SP6T
12 Vdc	531Y-4211	541Y-4211	561Y-4211
24 Vdc	531Y-4811	541Y-4811	561Y-4811
28 Vdc	531Y-4311	541Y-4311	561Y-4311

REVISIONS	B	B	B				 DowKey® Microwave CORPORATION A DOVER 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 SARA LEE		12/05/2016								
ENGINEERING T. JOHNSON		12/9/2016					SWITCH, 3-6 POSITION, LATCHING SELF CUT-OFF 2.9mm (K) FEMALE CONNECTORS, DC - 40 GHz			
QUALITY S. LYNCH		12/12/2016								
MANUFACTURING R. GARCIA		12/13/2016					CODE IDENT. NO.	DWG. NO.		
							00471	5X1Y-4X11		
							SCALE	NONE	FINAL ASSY: 561Y-4311	SHEET 1 OF 3

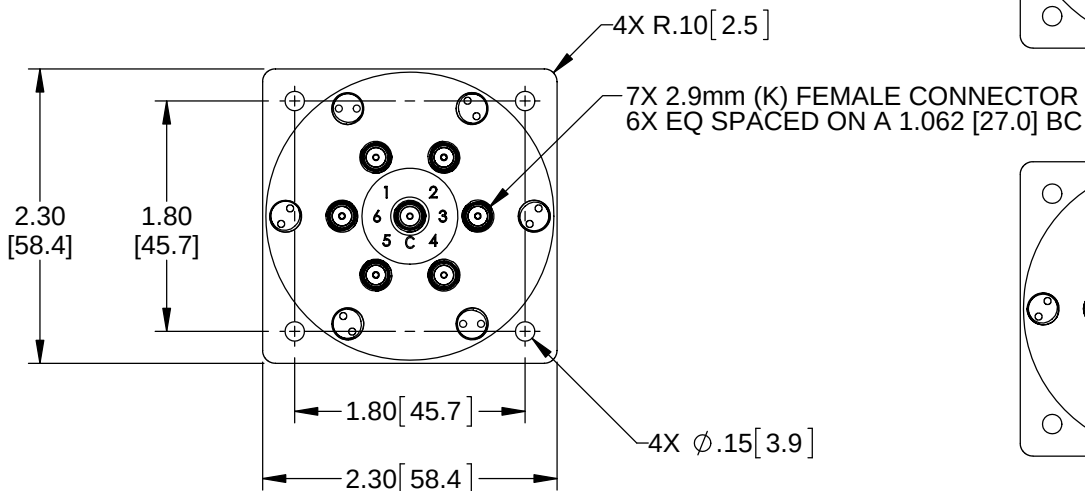
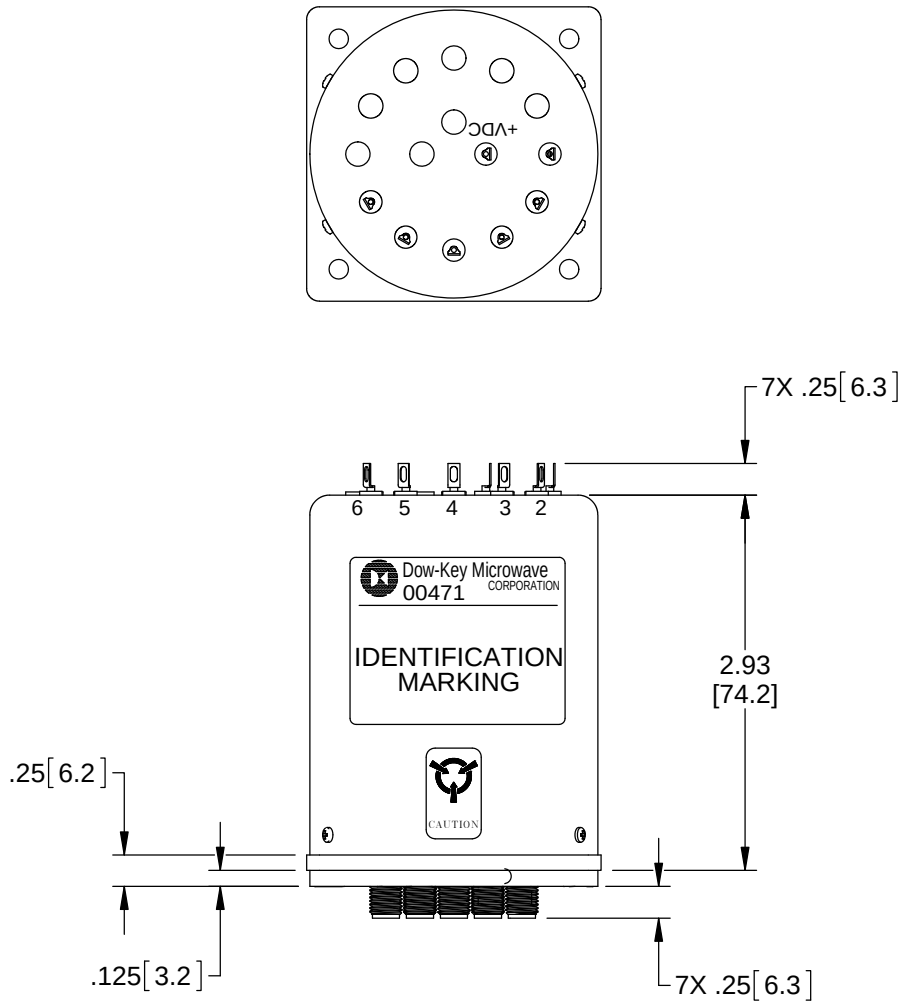
OUTLINE DRAWING:



3 POSITION



4 POSITION



[] MILLIMETERS

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

CODE IDENT. NO.
00471

DWG. NO.
5X1Y-4X11

REV.
B

SCALE NONE

FINAL ASSY: 561Y-4311

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)	40	30	25	15	8
AT SEA LEVEL, +25°C, LOAD VSWR 1:1					
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

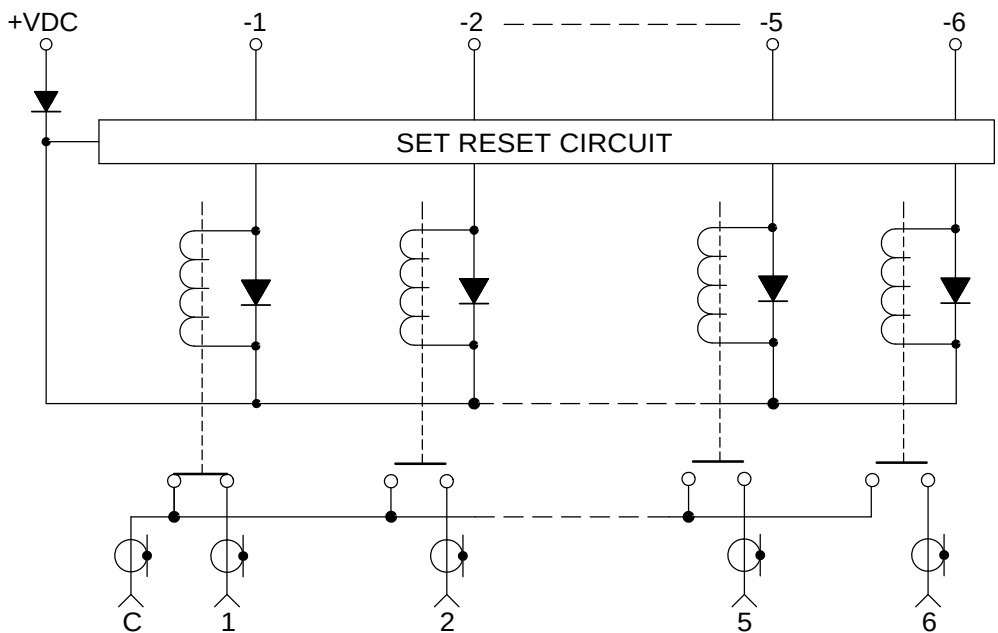
3.0 MECHANICAL:

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

SCHEMATIC:



SWITCH SHOWN IN POSITION 1

CODE IDENT. NO.	DWG. NO.	REV.
00471	5X1Y-4X11	B
SCALE NONE	FINAL ASSY: 561Y-4311	SHEET 3 OF 3