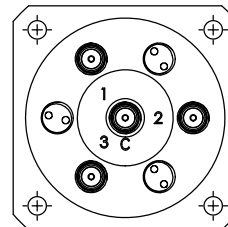
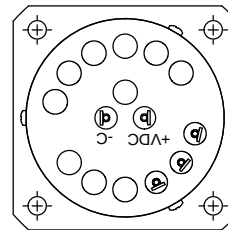
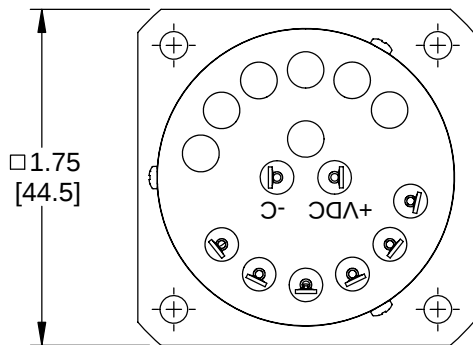


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	REVISED PER ECO 10112	5/19/11	K.R.
C	REVISED PER ECO 11308	10/5/15	K.R.

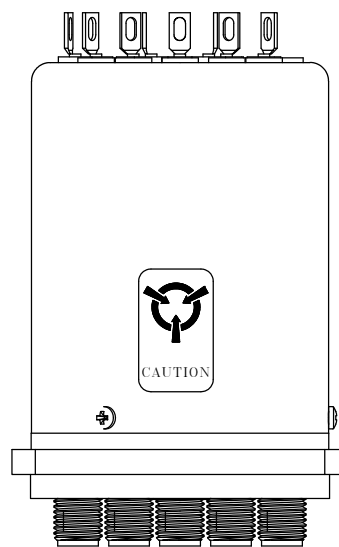
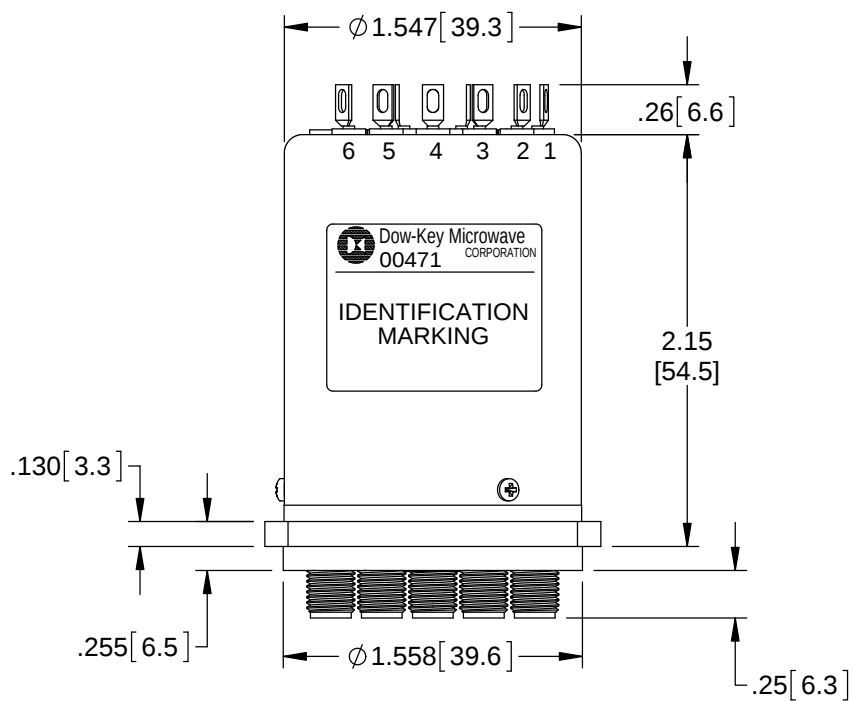
Nominal Coil Voltage	SP3T	Part Number SP4T	SP6T
12 Vdc	535Y-521102A	545Y-521102A	565Y-521102A
15 Vdc	535Y-591102A	545Y-591102A	565Y-591102A
24 Vdc	535Y-581102A	545Y-581102A	565Y-581102A
28 Vdc	535Y-531102A	545Y-531102A	565Y-531102A

REVISIONS	C	C	C				 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 S. LEE		09/24/15						
ENGINEERING G. WITTS		10/1/2015						
QUALITY S. LYNCH		10/2/2015					SWITCH, 3-6 POSITION, NORMALLY OPEN 2.9mm (K) FEMALE CONNECTORS TTL CONTROL, 40 GHz	
MANUFACTURING J. LEE		10/5/2015						
		CODE IDENT. NO. 00471		DWG. NO. 5X5Y-5X1102A				
		SCALE NONE		FINAL ASSY: 565Y-531102A			SHEET 1 OF 3	

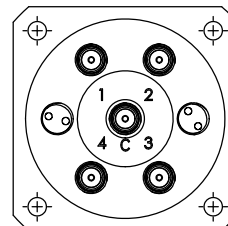
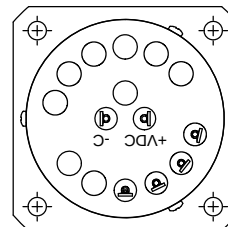
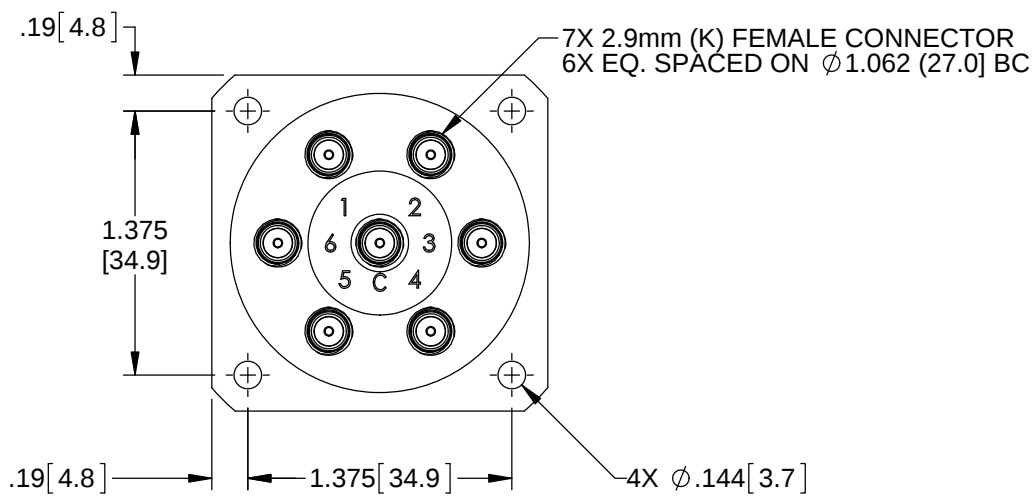
OUTLINE DRAWING:



3 POSITION



REAR VIEW



4 POSITION

[] MILLIMETERS

UNLESS OTHERWISE
SPECIFIED TOLERANCES
ARE:

.XXX ±.010 ANGLES: ±3°
.XX ±.030

CODE IDENT. NO.
00471

SCALE NONE

DWG. NO.

565Y-5X1102A

FINAL ASSY:

REV.

C

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	55
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	335mA
	15	13-17	280mA
	24	20-28	190mA
	28	24-32	160mA

2.2 SWITCHING TIME	20mS MAX
2.3 OPERATING MODE	NORMALLY OPEN

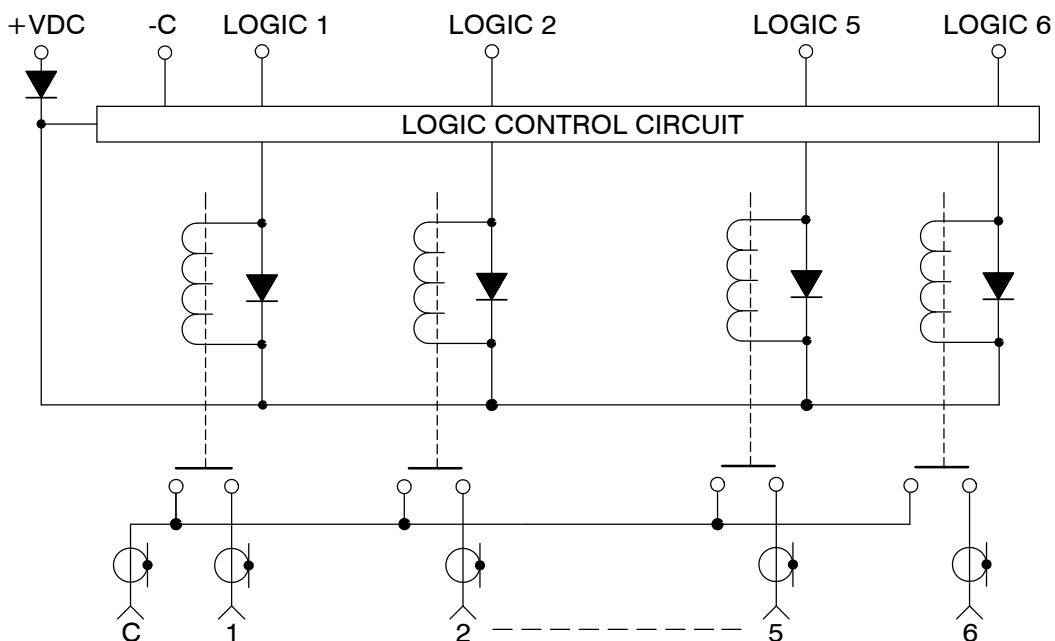
3.0 MECHANICAL:

3.1 CONTACT ARRANGEMENT	SP3T, SP4T, SP6T
3.2 RF CONTACTS	BREAK BEFORE MAKE
3.3 WEIGHT	4.3 oz (122g) 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 THE DE-ENERGIZED POSITION

LOGIC HI (ON) 1 = 2.4-5.5Vdc
LOGIC LOW (OFF) 0 = 0-0.8Vdc

CODE IDENT. NO. 00471	DWG. NO. 5X5Y-5X1102A	REV. C
SCALE NONE	FINAL ASSY: 565Y-531102A	SHEET 3 OF 3