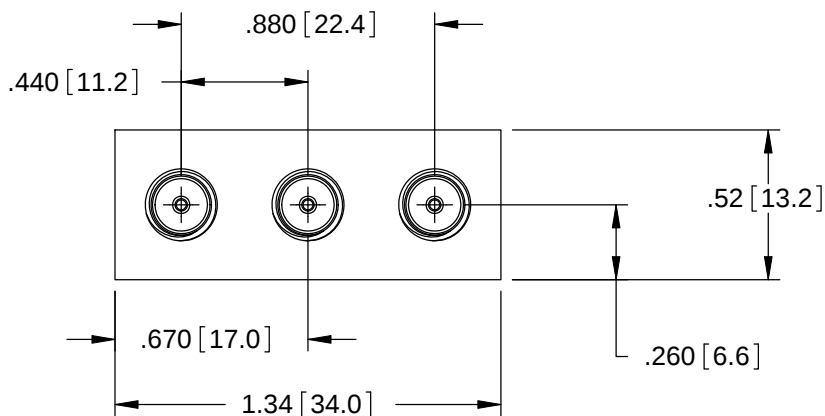
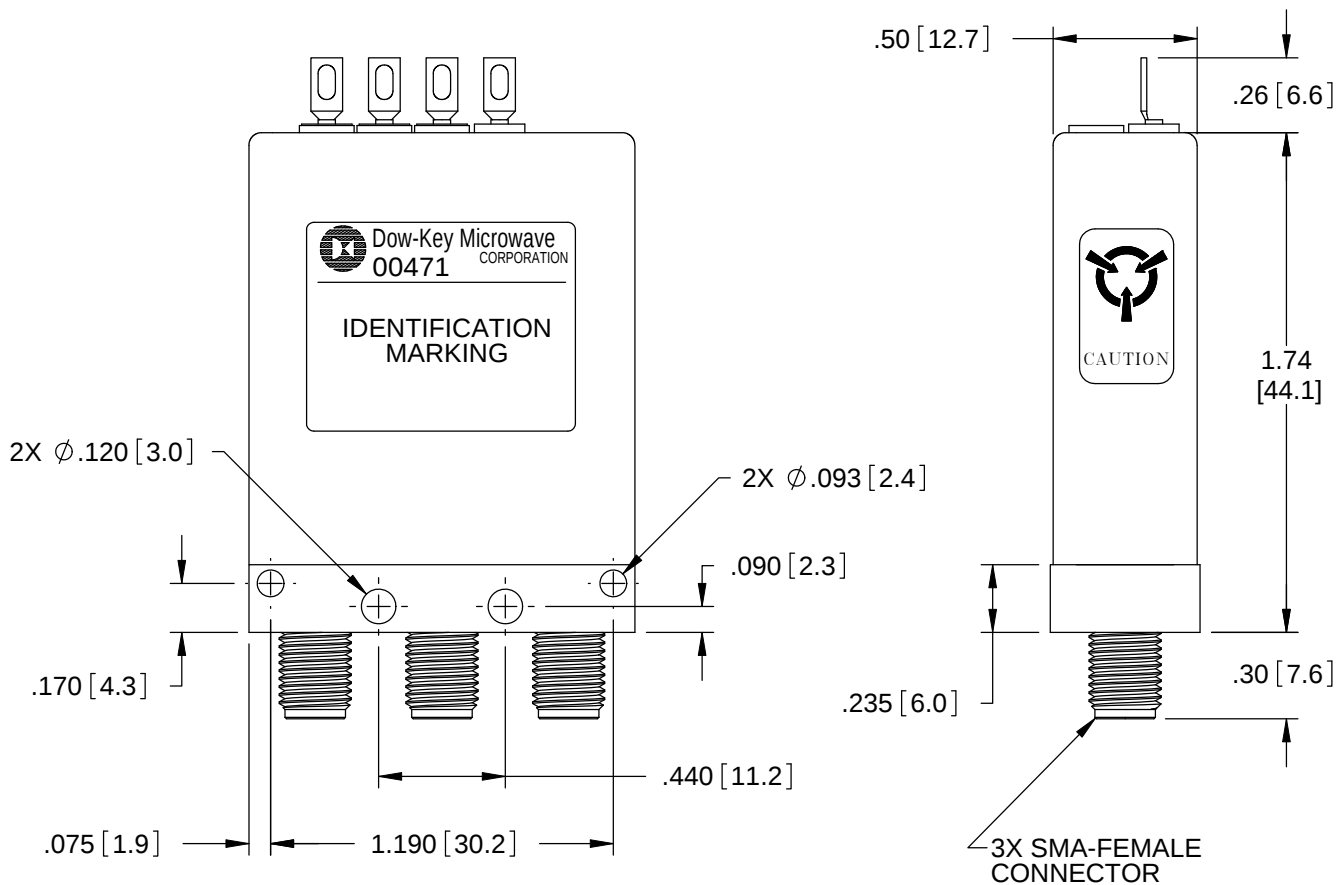
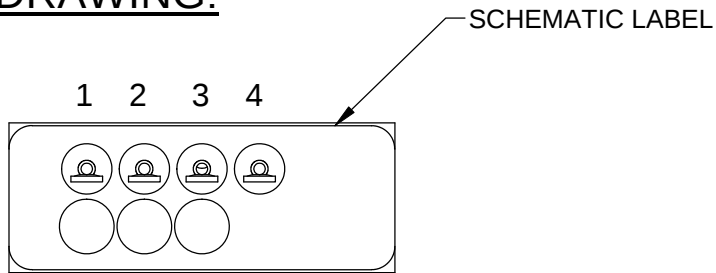


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
F	REVISED PER ECO 8020	7/16/98	J.S.
G	REVISED AND REDRAWN PER ECO 11068	1/22/15	K.R.

Nominal Coil Voltage	Part Number
12 Vdc	401-4208
15 Vdc	401-4908
24 Vdc	401-4808
28 Vdc	401-4308

REVISIONS	G	G	G				 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		10/21/04							
ENGINEERING ADMIN		1/22/2015					SW, SPDT, LATCHING SELF CUT-OFF SMA-FEMALE CONNECTORS		
QUALITY S. LYNCH		1/22/2015							
MANUFACTURING R. GARCIA		1/22/2015					CODE IDENT. NO. 00471	DWG. NO. 401-4X08	
SCALE		NONE		FINAL ASSY: 401-4308			SHEET 1 OF 3		

OUTLINE DRAWING:



[] MILLIMETERS

UNLESS OTHERWISE
SPECIFIED TOLERANCES
ARE:
.XXX $\pm .010$ ANGLES: $\pm 3^\circ$
.XX $\pm .030$

CODE IDENT. NO.
00471

DWG. NO.
401-4X08

REV.
G

SCALE NONE

FINAL ASSY: 401-3X0832

SHEET 2 OF 3

SPECIFICATION:

1.0 RF CHARACTERISTICS:

1.1 FREQUENCY (GHz)	DC - 1	1 - 4	4 - 8	8 - 12	12 - 18
1.2 VSWR (RATIO MAX)	1.10:1	1.15:1	1.20:1	1.30:1	1.35:1
1.3 INSERTION LOSS (dB MAX)	0.10	0.15	0.20	0.30	0.35
1.4 ISOLATION (dB MIN)	85	80	70	65	60
1.5 RF POWER (WATTS CW MAX)	200	125	90	75	60
1.6 IMPEDANCE (NOMINAL)	50 OHMS				

2.0 ACTUATION DATA:

2.1	NOMINAL VOLTAGE	OPERATING VOLTAGE	CURRENT (TYP) @ NOMINAL VOLTAGE & 25 °C
	12	11-14	220mA
	15	13-17	110mA
	24	20-28	125mA
	28	24-32	110mA

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

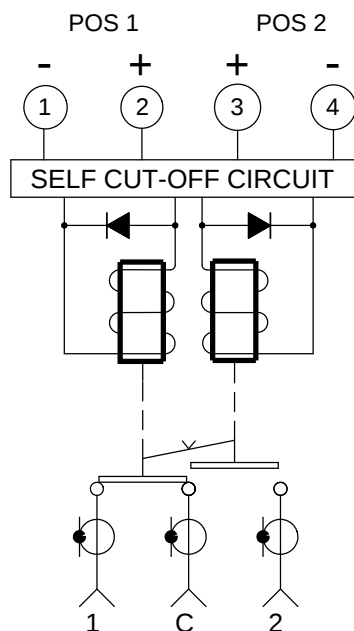
3.0 MECHANICAL:

3.1 CONTACT ARRANGEMENT	SPDT
3.2 RF CONTACTS	BREAK BEFORE MAKE
3.3 WEIGHT	1.4 oz (40g) 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 WITH POSITION 1 SELECTED

CODE IDENT. NO. 00471	DWG. NO. 401-4X08	REV. G
SCALE NONE	FINAL ASSY: 401-4308	SHEET 3 OF 3