

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	7/3/08	K.R.

Nominal Coil Voltage	Part Number		
	SP3T	SP4T	SP6T
12 Vdc	431L-420823	441L-420823	461L-420823
15 Vdc	431L-490823	441L-490823	461L-490823
24 Vdc	431L-480823	441L-480823	461L-480823
28 Vdc	431L-430823	441L-430823	461L-430823

REVISIONS	A	A	A			
SHEET NO.	1	2	3			
APPROVALS			DATE			
DRAWN S. LEE			7/3/08			
ENG G. NICKLAUS			7/3/08			
ENG. MGR. R. SZNUK			7/3/08			
SALES MGR. V. HARTER			7/3/08			
Q.A. MGR. N. SANDERS			7/3/08			
MFG. MGR. R. GONZALEZ			7/3/08			



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A **DOVER** TECHNOLOGIES COMPANY

SWITCH, 3-6 POS. LATCHING SELF CUTOFF,
SMA-FEMALE CONNECTORS, INDICATORS
50 [2W] TERMINATIONS, FLANGE MOUNT

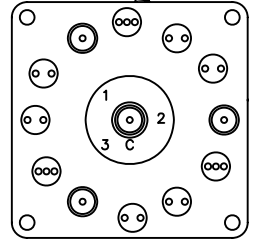
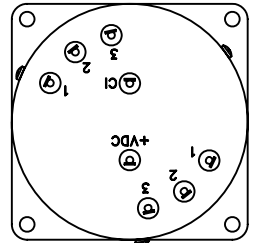
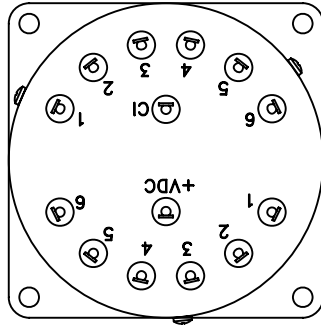
CODE IDENT. NO.
00471

DWG. NO.
4X1L-4X0823

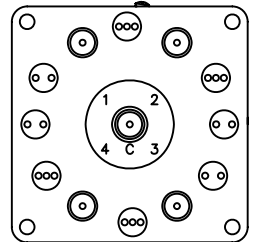
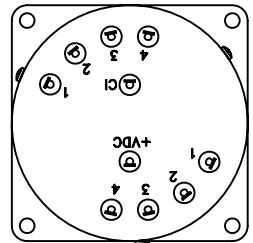
SCALE NONE FINAL ASSY:

SHEET 1 OF 3

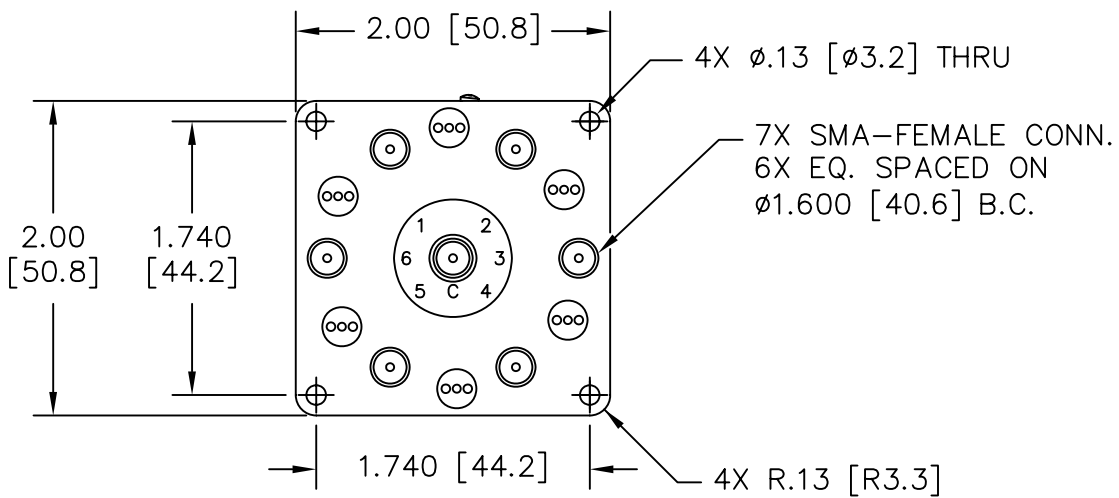
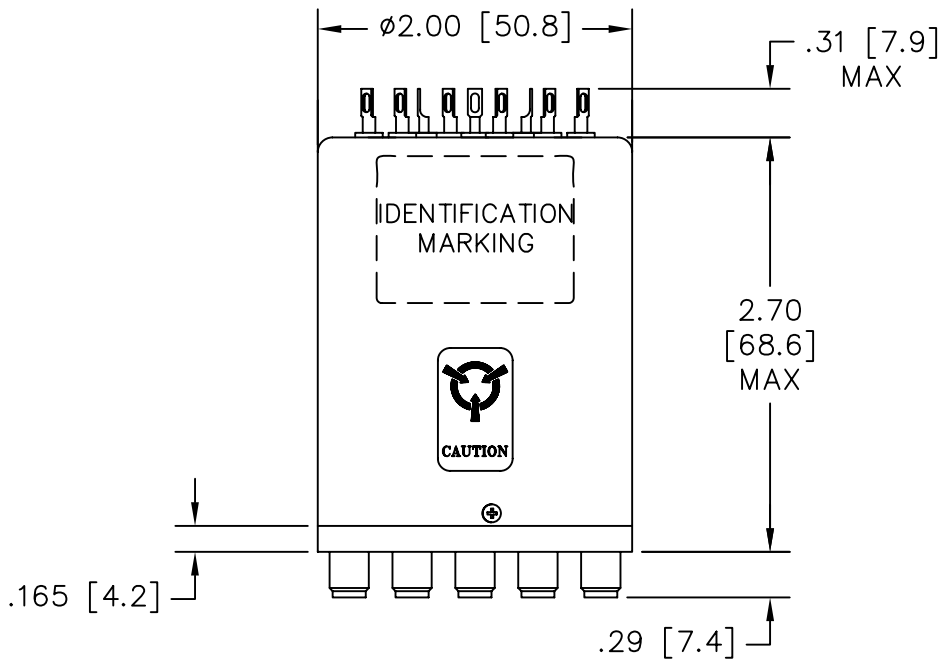
OUTLINE DRAWING:



3 POSITION



4 POSITION



[] MILLIMETERS

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: .XXX ±.010 ANGLES: ±3° .XX ±.030	CODE IDENT. NO. 00471	DWG. NO. 4X1L-4X0823	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

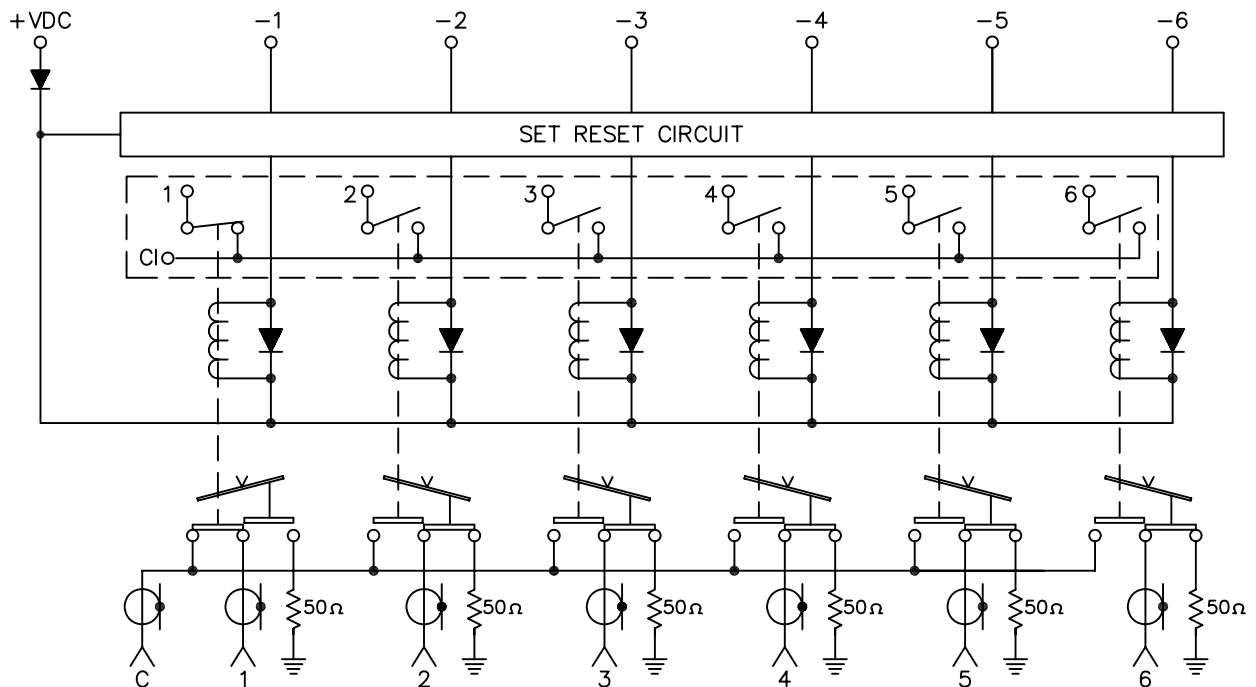
3. MECHANICAL:

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

SCHMATIC:



SCHEMATIC SHOWN IN POSITION 1.

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SCALE NONE	SHEET 3 OF 3	