

CONFIGURATION CONTROL	
LEVEL	EFFECTIVE DATE
0 <input checked="" type="checkbox"/>	_____
1 <input type="checkbox"/>	_____
2 <input type="checkbox"/>	_____
3 <input type="checkbox"/>	_____

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	5/10/04	J. SPENCER

Nominal Coil Voltage	Part Number
12 Vdc	401Y-4211
15 Vdc	401Y-4911
20 Vdc	401Y-4711
24 Vdc	401Y-4811
28 Vdc	401Y-4311

REVISIONS	A	A	A			
SHEET NO.	1	2	3			
APPROVALS			DATE			
DRAWN	E. DELA CRUZ		5/05/04			
ENG	S. LEE		5/10/04			
ENG. MGR.	R. SZNUK		5/05/04			
SALES MGR.	A. CHEUNG		5/10/04			
Q.A. MGR.	S. EVERETT		5/10/04			
MFG. MGR.	G. NICKLAUS		5/10/04			



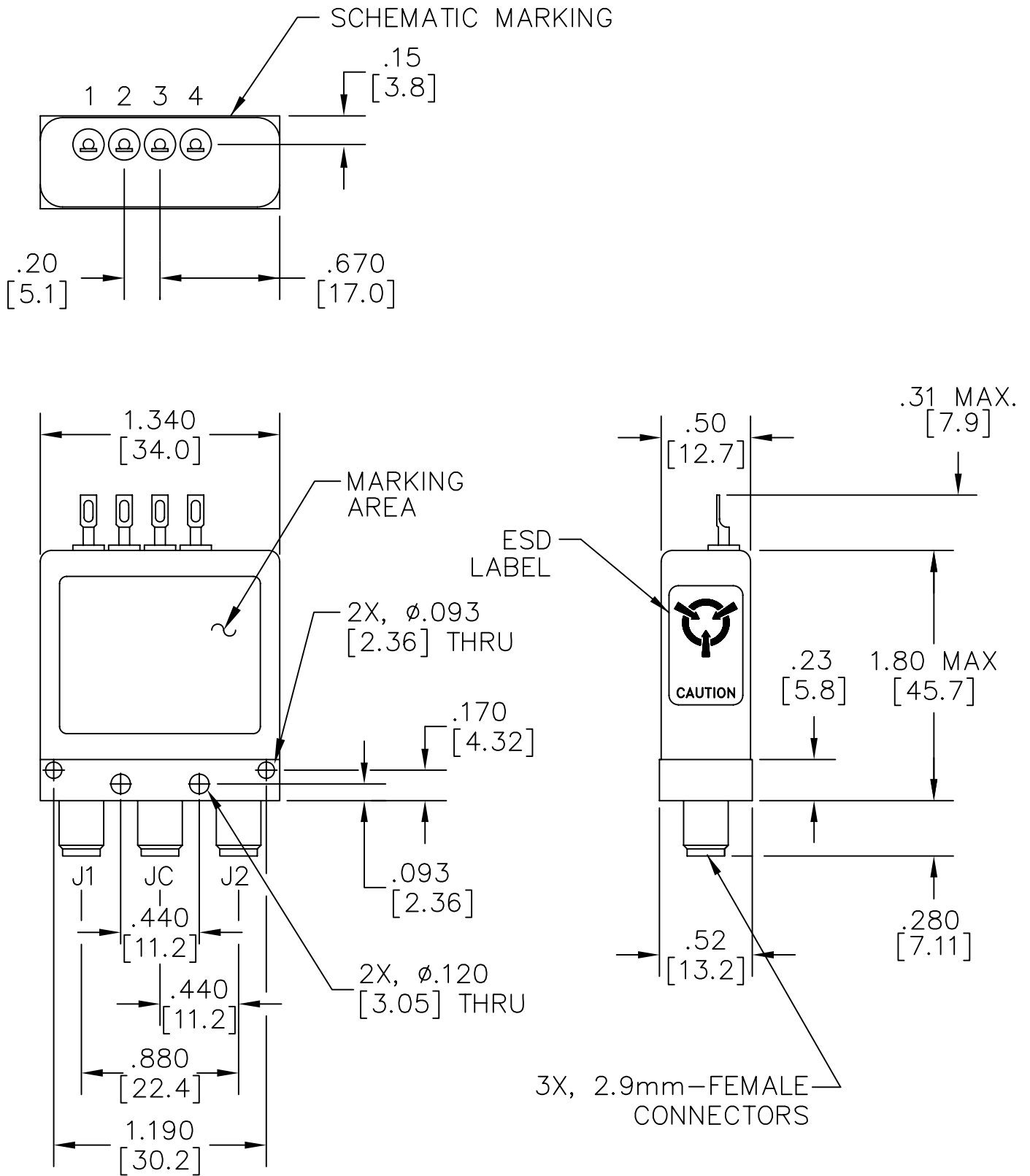
DowKey[®]
Microwave
CORPORATION

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A **DOVER** TECHNOLOGIES COMPANY

SWITCH, SPDT LATCHING SELF CUT-OFF, 40 GHz, 2.9mm (K) FEMALE CONNECTORS			
CODE IDENT. NO.		DWG. NO.	
00471		401Y-4X11	
SCALE	NONE	FINAL ASSY:	SHEET 1 OF 3

OUTLINE DRAWING:



[] MILLIMETERS

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: .XXX ±.010 ANGLES: ±3° .XX ±.03	CODE IDENT. NO. 00471	DWG. NO. 401Y-4X11	REV. A
	SCALE NONE	SHEET 2 OF 3	

SPECIFICATIONS:

1. RF CHARACTERISTICS:

1.1 FREQUENCY (GHz):	DC-6	6-12	12-18	18-26.5	26.5-40
1.2 VSWR (MAX.):	1.30:1	1.40:1	1.50:1	1.70:1	1.90:1
1.3 INSERTION LOSS (MAX.):	0.30dB	0.40dB	0.50dB	0.70dB	0.80dB
1.4 ISOLATION (MIN.):	80dB	70dB	65dB	60dB	55dB
1.5 RF POWER, WATTS (CW):	35	30	25	20	15

2. ACTUATION DATA:

2.1	NOMINAL VOLTAGE	OPERATING VOLTAGE	CURRENT (TYP)
			@ NOMINAL VOLTAGE & 20°C
	12	11-14	220mA
	15	13-17	110mA
	20	17-23	120mA
	24	20-28	125mA
	28	24-32	110mA

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, NOMINAL: 2.5oz. (71g.)

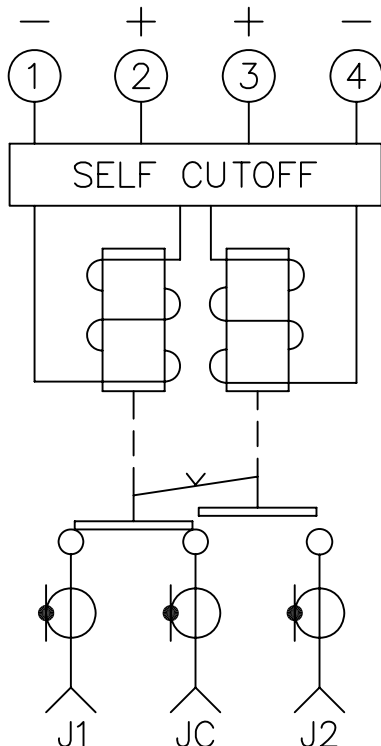
3.3 DESIGN LIFE (MIN.): 1,000,000 CYCLES

4. ENVIRONMENTAL:

4.1 OPERATING TEMPERATURE: -25°C TO +65°C

4.2 STORAGE TEMPERATURE: -55°C TO +85°C

SCHEMATIC:



CODE IDENT. NO. 00471	DWG. NO. 401Y-4X11	REV. A
SCALE NONE	SHEET 3 OF 3	