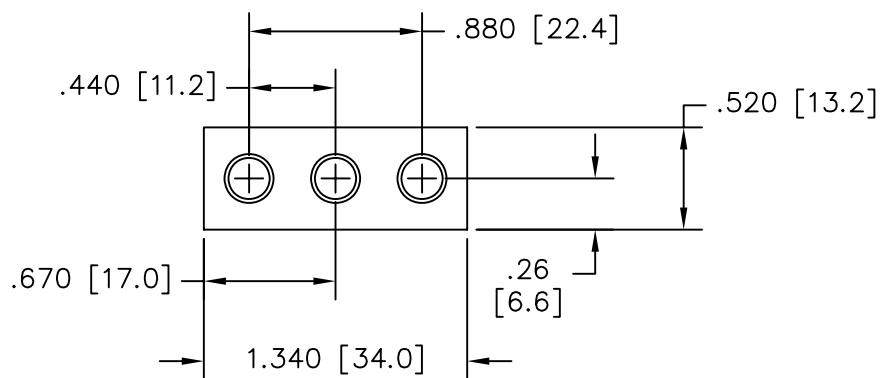
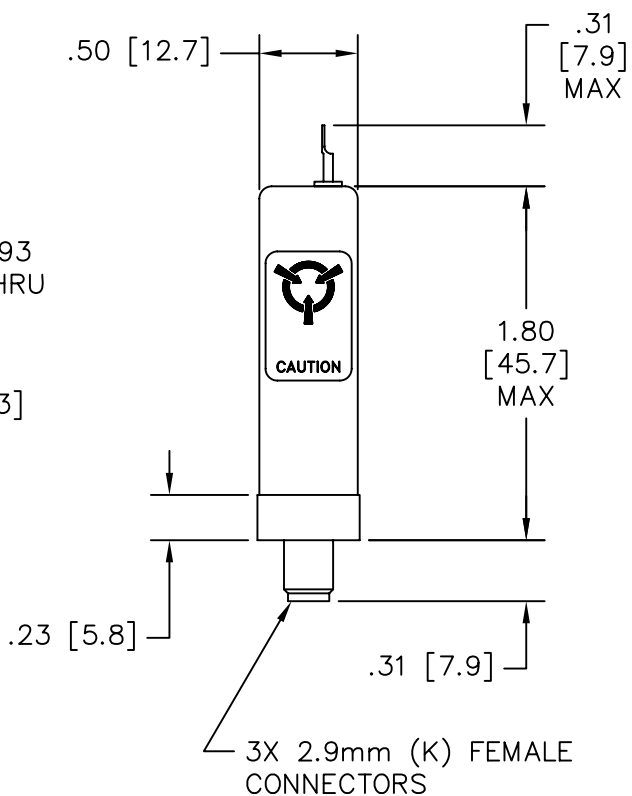
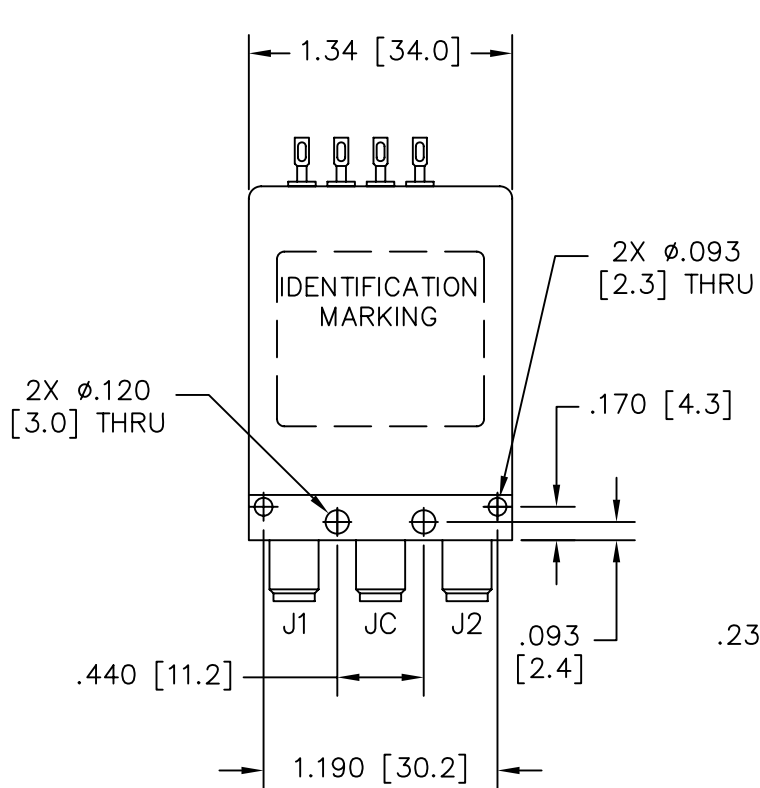
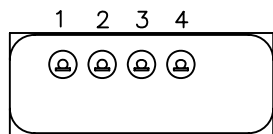


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	6/12/06	J.S.
B	REVISED PER ECO #9621	6/18/09	K.R.

Nominal Coil Voltage	Part Number
12 Vdc	401Y-421102A
15 Vdc	401Y-491102A
24 Vdc	401Y-481102A
28 Vdc	401Y-431102A

REVISIONS	B	B	B				 DowKey® Microwave CORPORATION A DOWKEY 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		4/12/06					SWITCH, SPDT, LATCHING SELF CUT-OFF, 2.9mm (K) FEMALE CONNECTORS, TTL-HI CONTROL, FREQ TO 40 GHz
ENG	G. NICKLAUS		4/12/06					
ENG. MGR.	R. SZNUK		4/19/06					
SALES MGR.	V. HARTER		4/28/06					
Q.A. MGR.	R. MATSUMOTO		4/13/06					
MFG. MGR.	R. GONZALEZ		4/17/06		CODE IDENT. NO. 00471		DWG. NO. 401Y-4X1102A	
SCALE		NONE		FINAL ASSY:		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.
401Y-4X1102A

REV.
B

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 (RATIO MAX):	1.30:1	1.40:1	1.50:1	1.70:1	1.90:1
1.3 INSERTION LOSS (dB MAX):	0.30	0.40	0.50	0.70	0.80
1.4 ISOLATION (dB MIN):	80	70	65	60	55
1.5 RF POWER (WATTS CW MAX):	35	30	25	20	15

2. 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, TTL-HI CONTROL

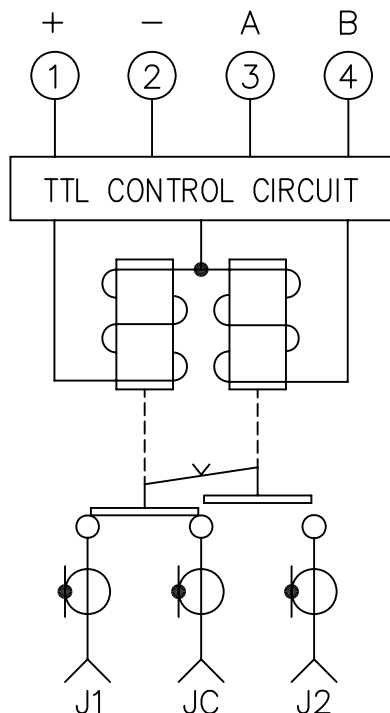
3. MECHANICAL:

3.1 RF CONTACTS:	BREAK BEFORE MAKE
3.2 WEIGHT:	2.5oz. (71g.) 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:	EPOXY

SCHEMATIC:



LOGIC
TRUTH TABLE

RF PATH	TTL INPUT "A"	TTL INPUT "B"
JC-J1	1	0
JC-J2	0	1

"0" = 0.0V - 0.8V

"1" = 2.4V - 5.5V

CODE IDENT. NO. 00471	DWG. NO. 401Y-4X1102A	REV. B
SCALE NONE	SHEET 3 OF 3	