
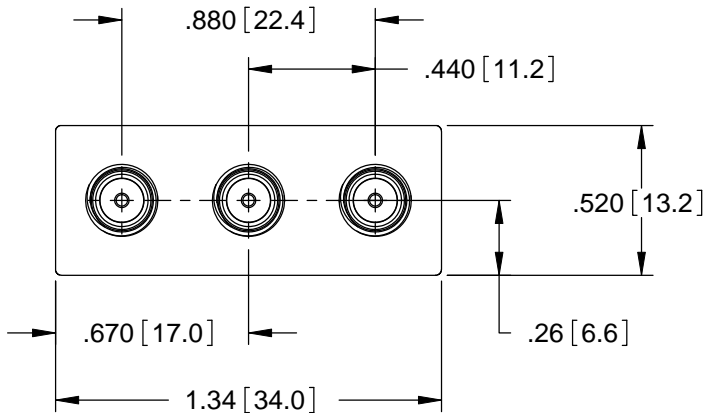
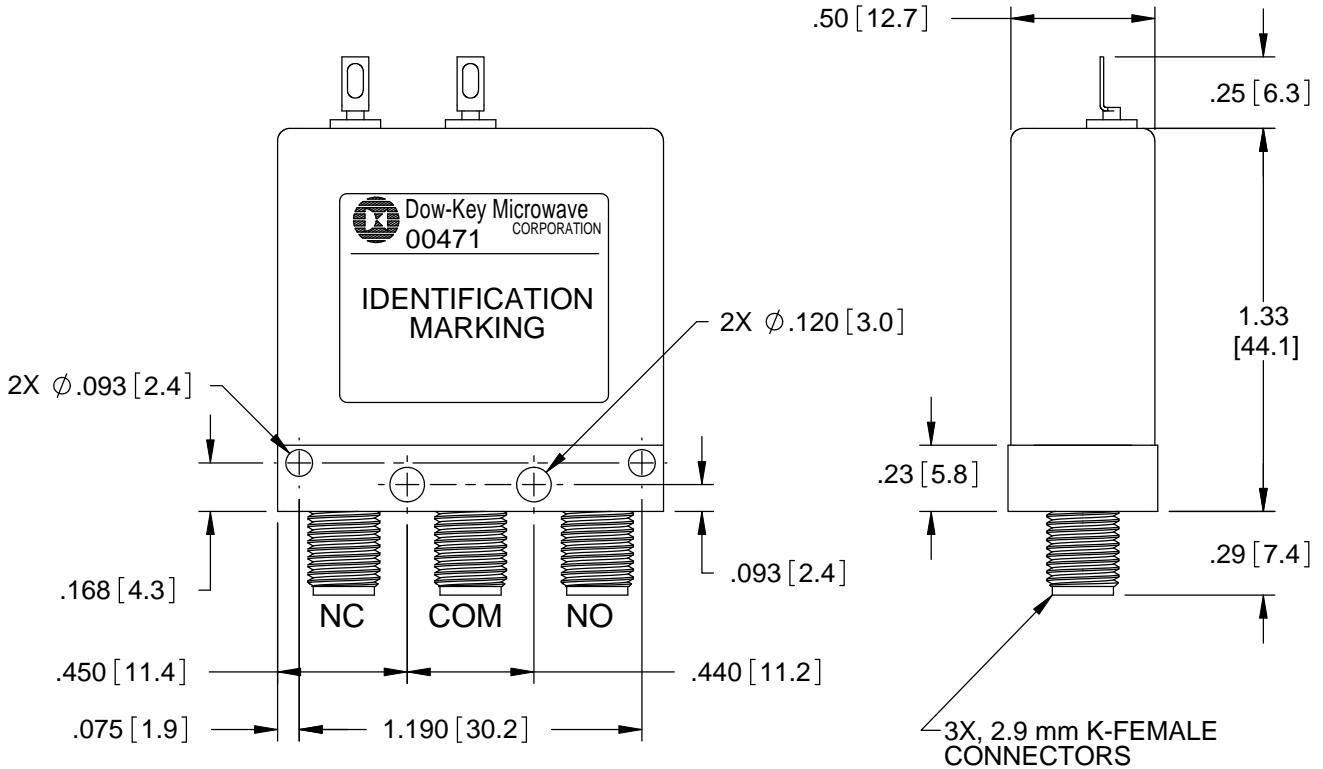
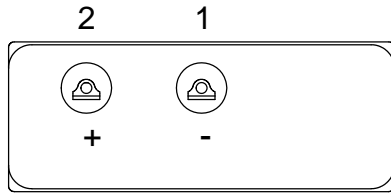


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	4/20/06	J.S.
B	REVISED PER ECO 11102	2/9/15	K.R.

Nominal Coil Voltage	Part Number
12 Vdc	401Y-2211
15 Vdc	401Y-2911
24 Vdc	401Y-2811
28 Vdc	401Y-2311

REVISIONS	B	B	B				 DowKey[®] Microwave CORPORATION <small>A DOVER TECHNOLOGIES COMPANY</small>	4822 McGrath Street Ventura, CA. 93003-5641 PH: (805) 650-0260 FAX: (805) 650-1734
SHEET NO.	1	2	3					
APPROVALS			DATE			SW, SPDT, FAILSAFE 2.9mm K-FEMALE CONNECTORS FREQ: DC - 40 GHz		
DRAWN SARA LEE			04/14/05					
ENGINEERING T. JOHNSON			2/4/2015					
QUALITY S. LYNCH			04/14/05					
MANUFACTURING J. LEE			04/14/05					
CODE IDENT. NO.				DWG. NO.				
00471				401Y-2X11				
SCALE		NONE		FINAL ASSY: FINAL			SHEET 1 OF 3	

OUTLINE DRAWING:



[] MILLIMETERS

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

.XXX \pm .010 ANGLES: \pm 3°
.XX \pm .030

CODE IDENT. NO.
00471

DWG. NO.
401Y-2X11

REV.
B

SCALE NONE

FINAL ASSY: 401Y-2311

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 MIN)	0.30	0.40	0.50	0.70	0.95
1.4 ISOLATION (dB MIN)	70	60	60	55	50
1.5 RF POWER (WATTS CW MAX)	80	60	50	25	10

RF POWER TEST CONDITIONS - SEA LEVEL +25°C, LOAD VSWR 1:1

2.0 ACTUATION DATA:

2.1	NOMINAL VOLTAGE	OPERATING VOLTAGE	CURRENT (TYP) @ NOMINAL VOLTAGE & 25°C
	12	11-14	185mA
	15	13-17	160mA
	24	20-28	120mA
	28	24-32	90mA

2.2 SWITCHING TIME 15mS MAX
 2.3 OPERATING MODE FAILSAFE

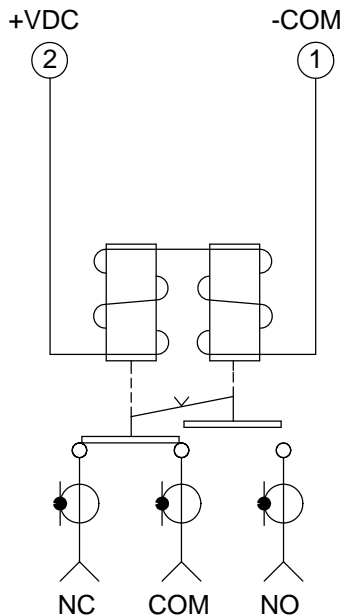
3.0 MECHANICAL:

3.1 CONTACT ARRANGEMENT SPDT
 3.2 RF CONTACTS BREAK BEFORE MAKE
 3.3 WEIGHT 1.3 oz (37 g) 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: EPOXY SEALED

SCHMATIC:



SWITCH SHOWN IN THE DE-ENERGIZED POSITION

CODE IDENT. NO. 00471	DWG. NO. 401Y-2X11	REV. B
SCALE NONE	FINAL ASSY: 401Y-2311	SHEET 3 OF 3