
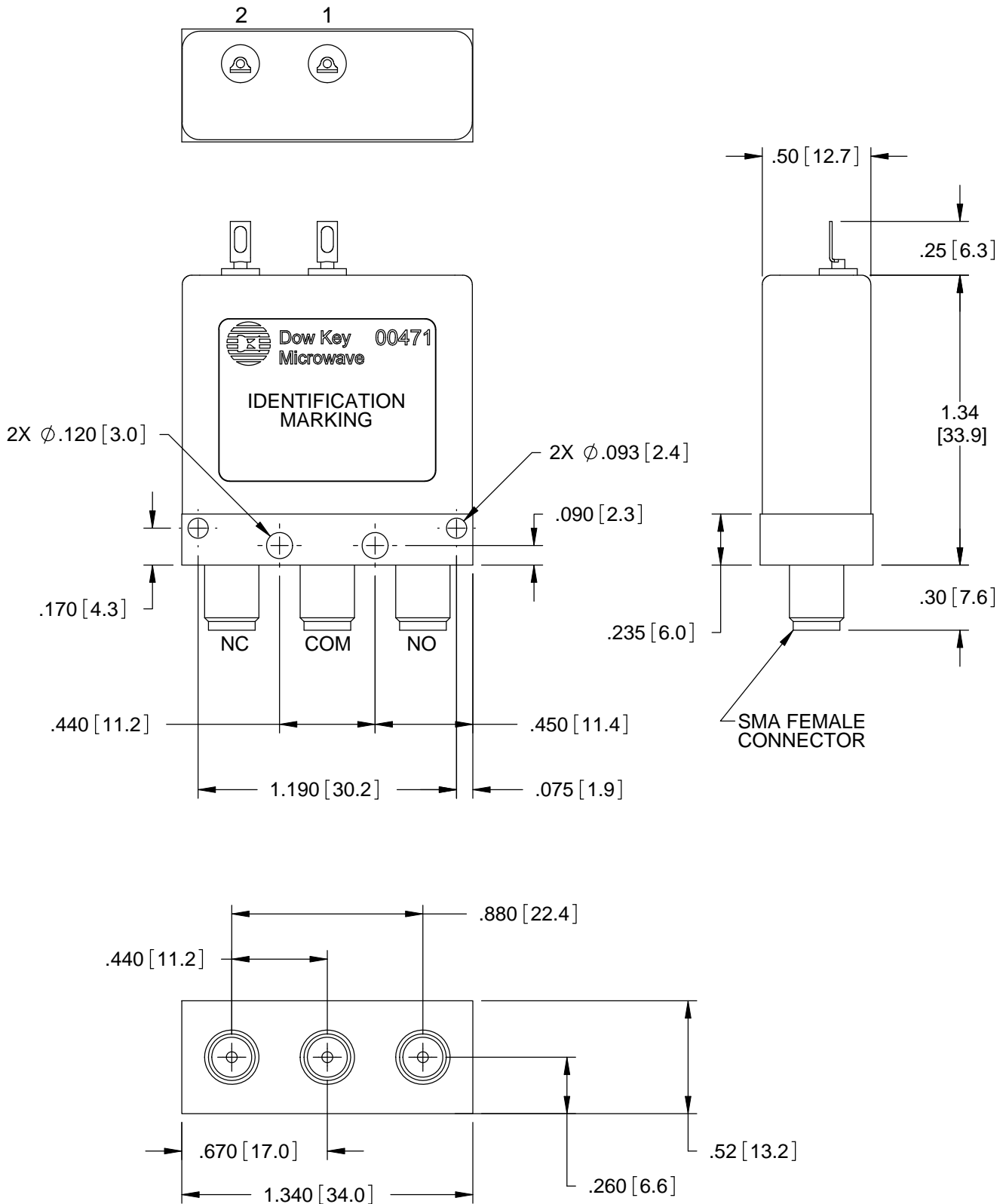


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	REVISED PER ECO 5621	4/5/99	J.A.
C	REVISED AND REDRAWN PER ECO 11068	1/22/15	K.R.

Nominal Coil Voltage	Part Number
12 Vdc	401T-2208
15 Vdc	401T-2908
24 Vdc	401T-2808
28 Vdc	401T-2308

REVISIONS	C	C	C				 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 SMA-FEMALE CONNECTORS EXTENDED TEMP -55°C TO +85°C		
DRAWN SARA LEE			01/15/15					
ENGINEERING T. JOHNSON			1/19/2015					
QUALITY G. WAKEFIELD			1/20/2015					
MANUFACTURING R. GARCIA			1/20/2015					
CODE IDENT. NO.				DWG. NO.				
00471				401T-2X08				
SCALE		NONE		FINAL ASSY: 401T-2308			SHEET 1 OF 3	

OUTLINE DRAWING:



[] MILLIMETERS

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: .XXX ±.010 ANGLES: ±3° .XX ±.030	CODE IDENT. NO. 00471	DWG. NO. 401T-2X08	REV. C
	SCALE NONE	FINAL ASSY: 401T-2308	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	185mA
	15	13-17	160mA
	24	20-28	120mA
	28	24-32	90mA

2.2 SWITCHING TIME 15mS MAX
 2.3 OPERATING MODE FAILSAFE

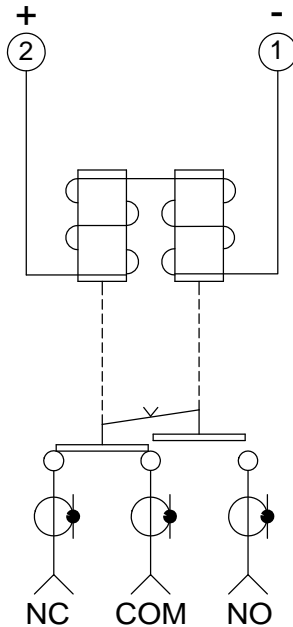
3.0 MECHANICAL:

3.1 CONTACT ARRANGEMENT SPDT
 3.2 RF CONTACTS BREAK BEFORE MAKE
 3.3 WEIGHT 1.2 oz (34g) NOMINAL
 3.4 DESIGN LIFE 1,000,000 CYCLES MINIMUM

4.0 ENVIRONMENTAL:

4.1 OPERATING TEMPERATURE -55 °C TO +85 °C
 4.2 STORAGE TEMPERATURE -55 °C TO +85 °C
 4.3 SEAL: EPOXY SEAL

SCHMATIC:



SWITCH SHOWN IN THE DE-ENERGIZED POSITION

CODE IDENT. NO. 00471	DWG. NO. 401T-2X08	REV. C
SCALE NONE	FINAL ASSY: 401T-2308	SHEET 3 OF 3