
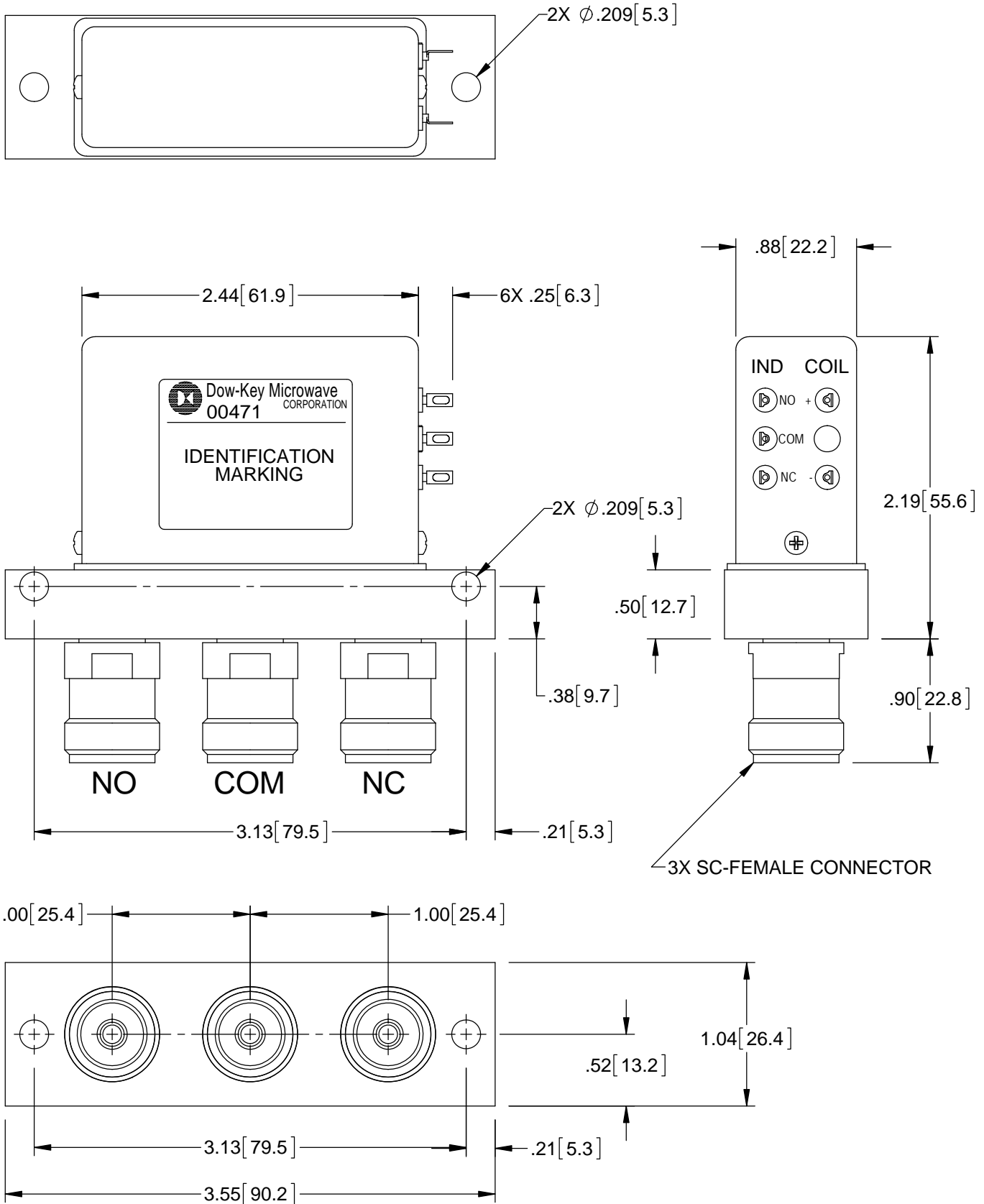


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	1/11/01	M.R.
B	REVISED AND REDRAWN PER ECO 11582	11/8/16	K.R.

Nominal Coil Voltage	Part Number
12 Vdc	402A-225332
15 Vdc	402A-295332
24 Vdc	402A-285332
28 Vdc	402A-235332

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							
DRAWN SARA LEE	10/26/16							
ENGINEERING J. WESSELY	11/7/2016							
QUALITY G. WAKEFIELD	11/7/2016							
MANUFACTURING R. GARCIA	11/7/2016							
SWITCH, SPDT, FAILSAFE, HI-POWER SC-FEMALE CONNECTORS INDICATORS							CODE IDENT. NO. 00471	DWG. NO. 402A-2X5332
SCALE NONE							FINAL ASSY:	SHEET 1 OF 3

OUTLINE DRAWING:



[] MILLIMETERS

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: .XXX ±.010 ANGLES: ±3° .XX ±.030	CODE IDENT. NO. 00471	DWG. NO. 402A-2X5332	REV. B
	SCALE NONE	FINAL ASSY:	SHEET 2 OF 3

SPECIFICATION:

1.0 RF CHARACTERISTICS:

1.1 FREQUENCY (GHz)	DC - 3	3 - 6
1.2 VSWR (RATIO MAX)	1.40:1	1.50:1
1.3 INSERTION LOSS (dB MAX)	0.40	0.50
1.4 ISOLATION (dB MIN)	60	60
1.5 RF POWER (WATTS CW MAX)	850	600
AT SEA LEVEL, +40°C, LOAD VSWR 1:1		
1.6 IMPEDANCE (NOMINAL)	50 OHMS	

2.0 ACTUATION DATA:

2.1	NOMINAL VOLTAGE	OPERATING VOLTAGE	CURRENT (NOMINAL) @ NOMINAL VOLTAGE & 25°C
	12	11-14	260mA
	15	13-17	230mA
	24	20-28	145mA
	28	24-32	110mA

2.2 SWITCHING TIME 20mS MAX
 2.3 OPERATING MODE FAILSAFE

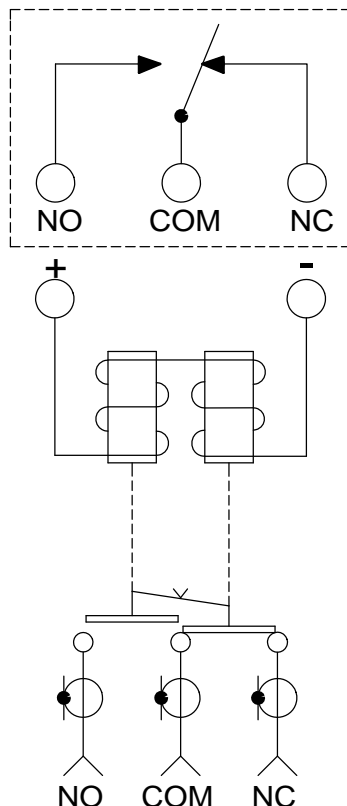
3.0 MECHANICAL:

3.1 CONTACT ARRANGEMENT SPDT
 3.2 RF CONTACTS BREAK BEFORE MAKE
 3.3 WEIGHT 8.6oz (244g) 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: GASKET SEAL

SCHMATIC:



SWITCH SHOWN IN THE FAILSAFE POSITION

CODE IDENT. NO. 00471	DWG. NO. 402A-2X5332	REV. B
SCALE NONE	FINAL ASSY:	SHEET 3 OF 3