
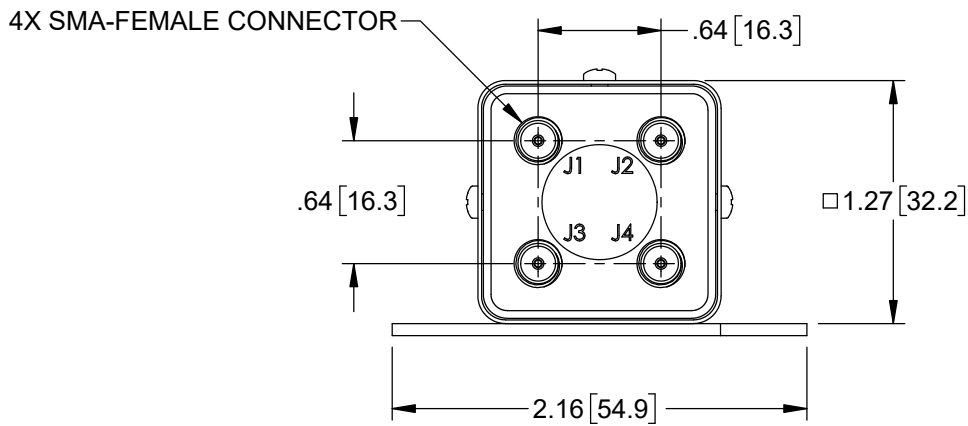
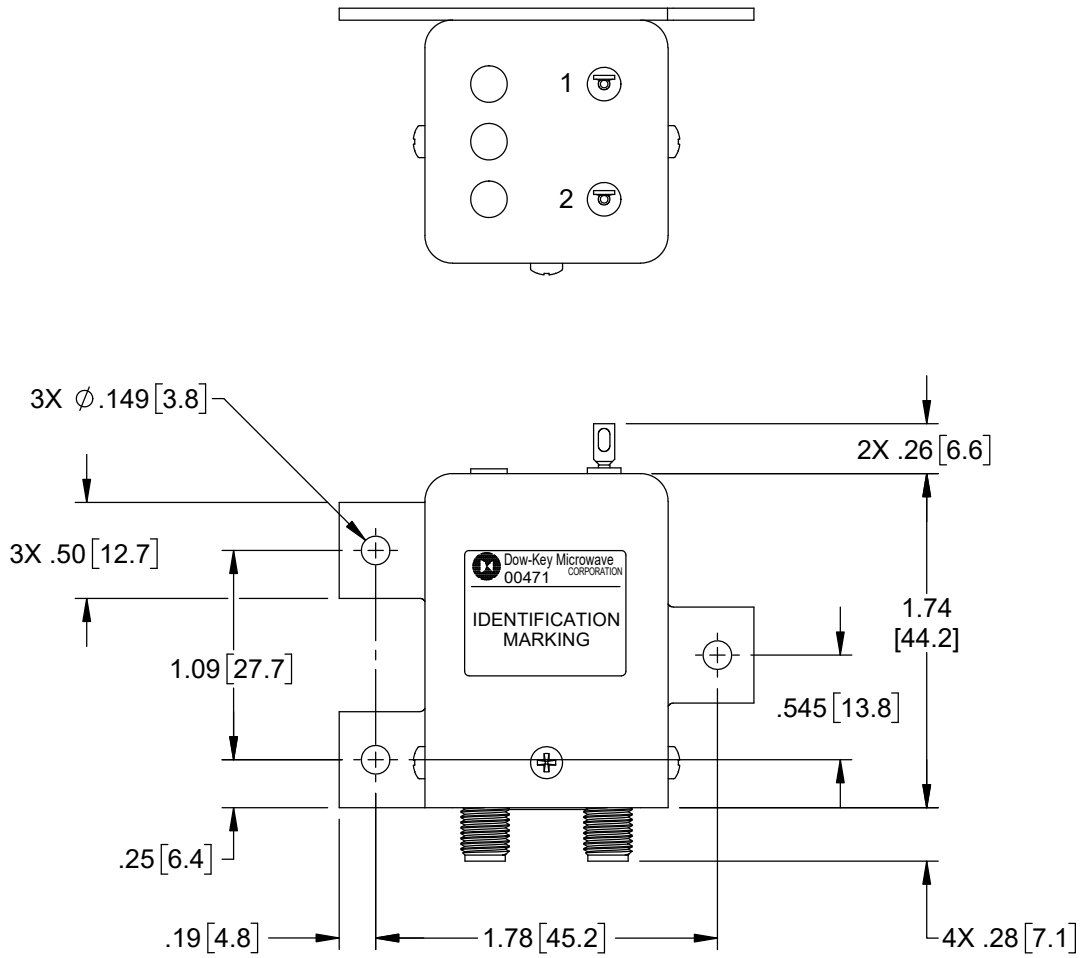


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
D	REVISED AND REDRAWN PER ECO 6610	06/01/01	J.S.
E	REVISED PER ECO 11895	5/17/18	K.R.
F	REVISED PER ECO 12739	1/6/22	A.Z.

Nominal Coil Voltage	Part Number
12 Vdc	411C-2208
15 Vdc	411C-2908
24 Vdc	411C-2808
28 Vdc	411C-2308

APPROVALS	DATE	 DowKey[®] Microwave CORPORATION <small>A DOVER TECHNOLOGIES COMPANY</small>		4822 McGrath Street Ventura, CA. 93003-5641 PH: (805) 650-0260 FAX: (805) 650-1734	
DRAWN					
SARA LEE	05/11/18	SWITCH, TRANSFER, FAILSAFE SMA-FEMALE CONNECTOR			
ENGINEERING					
G. NICKLAUS	1/5/2022	CODE IDENT. NO.	DWG. NO.		
QUALITY		00471	411C-2X08		
S. LYNCH	5/16/2018	SCALE	NONE	SHEET 1 OF 3	
MANUFACTURING					
R. GARCIA	5/17/2018				

OUTLINE DRAWING:



[] MILLIMETERS

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: .XXX ±.010 ANGLES: ±3° .XX ±.030	CODE IDENT. NO. 00471	DWG. NO. 411C-2X08	REV. F
	SCALE NONE	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	1.20:1	1.30:1	1.35:1	1.40:1
1.3 INSERTION LOSS (dB MAX)	0.10	0.20	0.30	0.35	0.40
1.4 ISOLATION (dB MIN)	85	80	70	65	60
1.5 RF POWER (WATTS CW MAX) AT SEA LEVEL, +40°C, LOAD VSWR 1:1	225	125	90	75	60
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	335mA
	15	13-17	285mA
	24	20-28	190mA
	28	24-32	135mA

2.2 SWITCHING TIME 20mS MAX
2.3 OPERATING MODE FAILSAFE

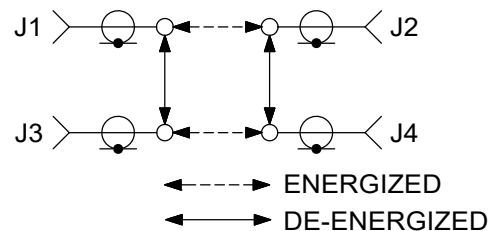
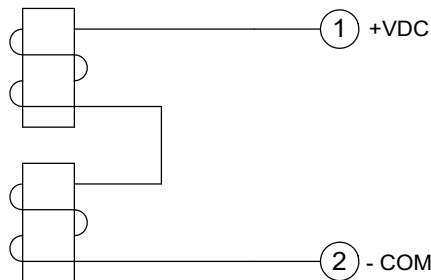
3.0 MECHANICAL:

3.1 CONTACT ARRANGEMENT TRANSFER
3.2 RF CONTACTS BREAK BEFORE MAKE
3.3 WEIGHT 3.4oz (96g) 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: SAND AND DUST

SCHEMATIC:



CODE IDENT. NO. 00471	DWG. NO. 411C-2X08	REV. F
SCALE NONE	SHEET 3 OF 3	