

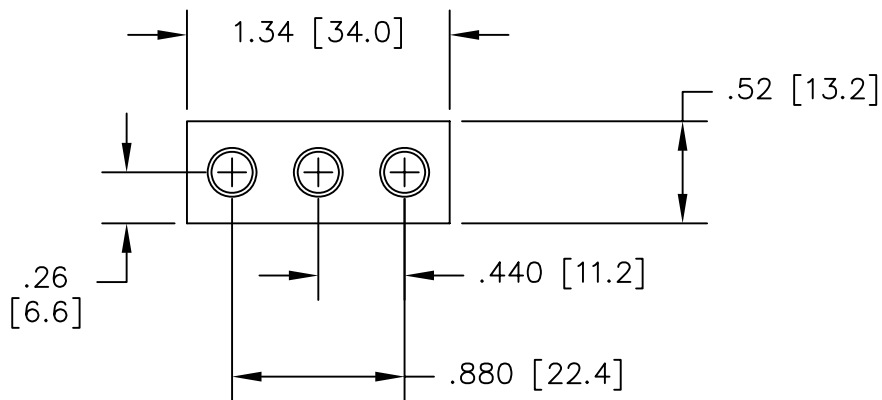
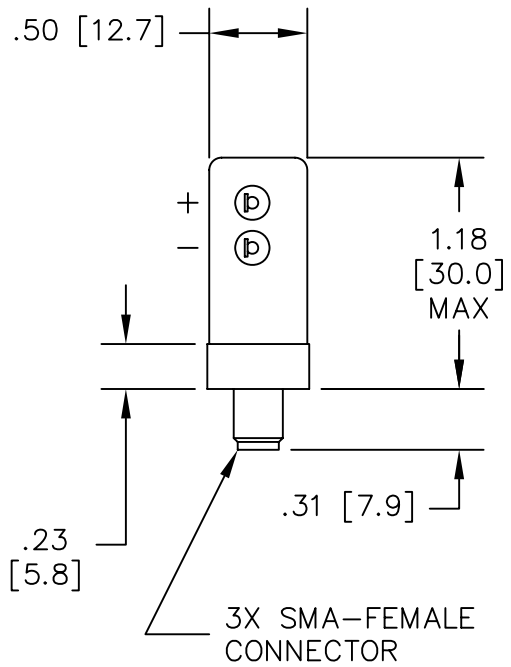
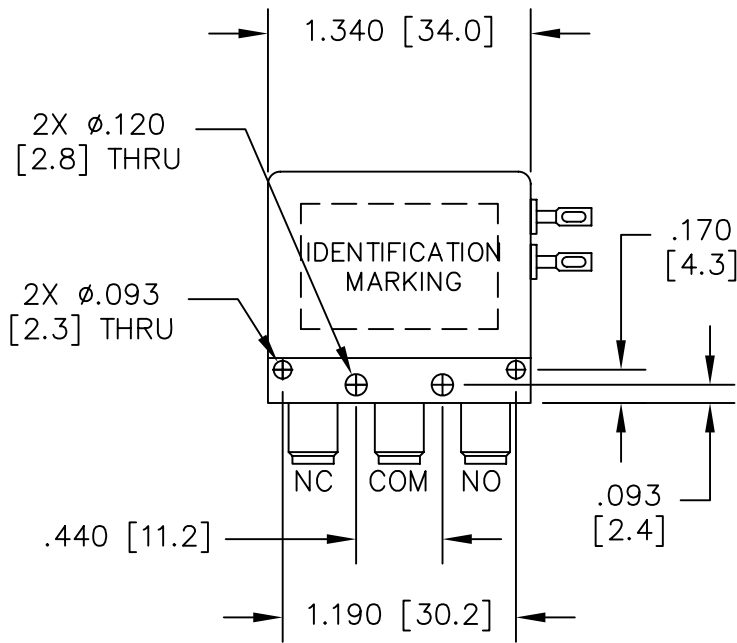
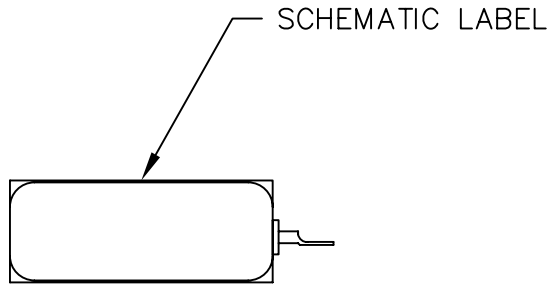


| REVISIONS | | | |
|-----------|-----------------------|---------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| F | REVISED PER ECO #6424 | 11/8/00 | J.S. |
| G | REVISED PER ECO #9066 | 7/17/07 | J.S. |

| Nominal Coil Voltage | Part Number |
|-------------------------|-------------|
| 12 Vdc | 403-2208 |
| 15 Vdc | 403-2908 |
| 20 Vdc | 403-2708 |
| 24 Vdc | 403-2808 |
| 28 Vdc | 403-2308 |

| | | | | | | | | | | |
|--------------------------|---|---|---------|--|--|--|--|---|--|--|
| REVISIONS | G | G | G | | | |  DowKey® Microwave CORPORATION | 4822 McGrath Street Ventura, CA. 93003-5641 PH: (805) 650-0260 FAX: (805) 650-1734 | | |
| SHEET NO. | 1 | 2 | 3 | | | | | | | |
| APPROVALS | | | DATE | | | |  SWITCH, SPDT, FAILSAFE SMA-FEMALE CONNECTORS | | | |
| DRAWN S. LEE | | | 7/17/07 | | | | | | | |
| ENG G. NICKLAUS | | | 7/17/07 | | | | CODE IDENT. NO. DWG. NO. 00471 403-2X08 | | | |
| ENG. MGR. D. SUN | | | 7/17/07 | | | | | | | |
| SALES MGR. A. CHEUNG | | | 7/17/07 | | | | SCALE NONE FINAL ASSY: SHEET 1 OF 3 | | | |
| Q.A. MGR. N. SANDERS | | | 7/17/07 | | | | | | | |
| MFG. MGR. R. GONZALEZ | | | 7/17/07 | | | | | | | |

OUTLINE DRAWING:



[] MILLIMETERS

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
 .XXX ±.010 ANGLES: ±3°
 .XX ±.030

CODE IDENT. NO.
 00471

DWG. NO.
 403-2X08

REV.
 G

SCALE NONE

SHEET 2 OF 3

SPECIFICATIONS:

1. 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.): | .10 | .15 | .20 | .30 | .35 |
| 1.4 ISOLATION (dB MIN.): | 85 | 80 | 70 | 65 | 60 |
| 1.5 RF POWER (WATTS CW MAX): | 100 | 50 | 35 | 25 | 10 |

2. ACTUATION DATA:

| 2.1 | NOMINAL VOLTAGE | OPERATING VOLTAGE | CURRENT (TYP) |
|-----|-----------------|-------------------|--------------------------|
| | | | @ NOMINAL VOLTAGE & 25°C |
| | 12Vdc | 11-14 | 185mA |
| | 15Vdc | 13-17 | 160mA |
| | 20Vdc | 17-23 | 140mA |
| | 24Vdc | 20-28 | 120mA |
| | 28Vdc | 24-32 | 90mA |

| | |
|---------------------|-----------|
| 2.2 SWITCHING TIME: | 15mS MAX. |
| 2.3 OPERATING MODE: | FAILSAFE |

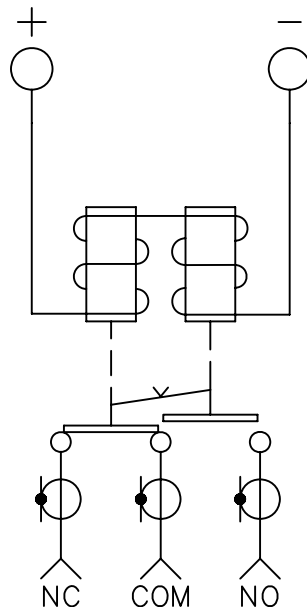
3. MECHANICAL:

| | |
|-------------------------|-------------------|
| 3.1 RF CONTACTS: | BREAK BEFORE MAKE |
| 3.2 WEIGHT, NOMINAL: | 1.5oz. (43g.) |
| 3.3 DESIGN LIFE (MIN.): | 1,000,000 CYCLES |

4. 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. | DWG. NO. | REV. |
| 00471 | 403-2X08 | G |
| SCALE NONE | | SHEET 3 OF 3 |