

SPECIFICATION

MODEL

CX-520D

IMPEDANCE/50 Ohms.

VOLTAGE

ACTUATION DATA :

VOLTAGE :

Pull in 10Vdc - 14Vdc (12Vdc Nominal)

Drop out 3.0Vdc Min.

Current 139mA @12Vdc 20°C

Coil resistance ... 86 Ohms 10% 20°C

SWITCHING TIME

SWITCHING TIME :

Pull in 20ms max.

Drop out 15ms max.

LIFE EXPECTANCY ... 1,000,000. - Operation min.

MECHANICAL

MECAHANICAL :

Contact arrangement SPDT

Operational temperature - 25°C to + 50°C (Max Temperature Rise:20c)

Weight Approx 230gs.

Mounting Four screws

Cable connections 3 N Type female Connectors

ELECTRICAL CHARACTERISTICS

ELECTRICAL CHARACTERISTICS :

| Frequency | VSWR | Isolation | Ins.Loss | IN PUT RF Power |
|-----------|-------|-----------|----------|--------------------|
| MHz | Max | -dB(min) | -dB(max) | KW |
| 50 | 1.005 | 65 | 0.1 | 0.35 |
| 150 | 1.01 | 60 | 0.15 | 0.3 |
| 500 | 1.03 | 53 | 0.18 | 0.3 |
| 1000 | 1.05 | 46 | 0.2 | 0.25 |
| 1500 | 1.17 | 42 | 0.2 | 0.2 |
| 2000 | 1.2 | 39 | 0.25 | 0.15 |

COIL CHARACTERISTICS

COIL CHARACTERISTICS :

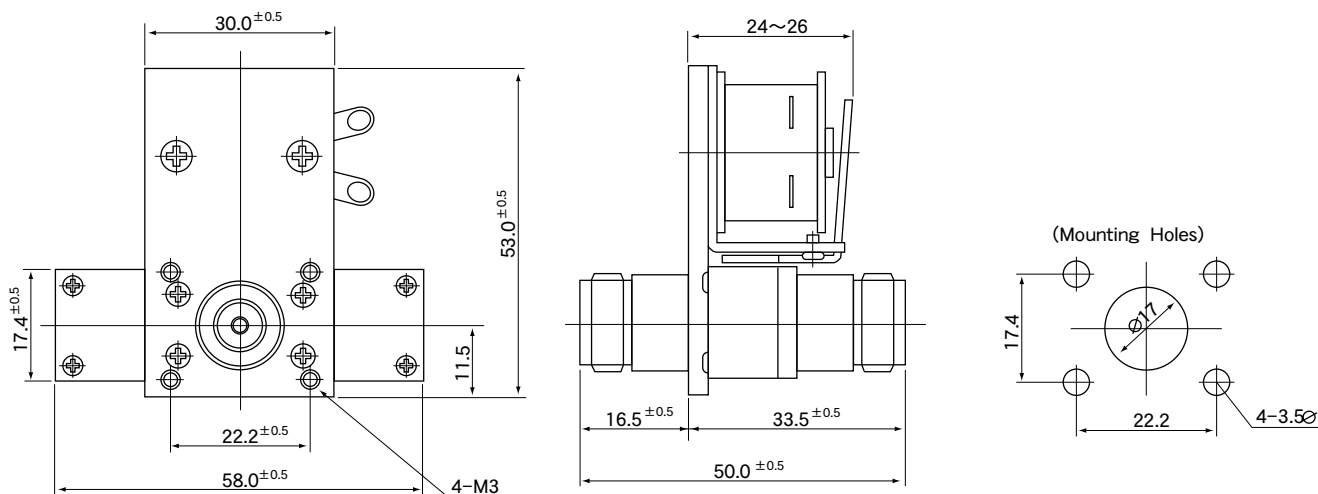
Nominal Voltage
12Vdc

Voltage Range
10Vdc - 14Vdc

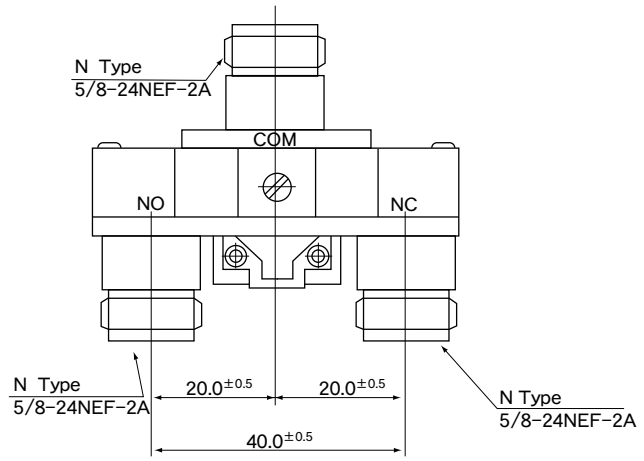
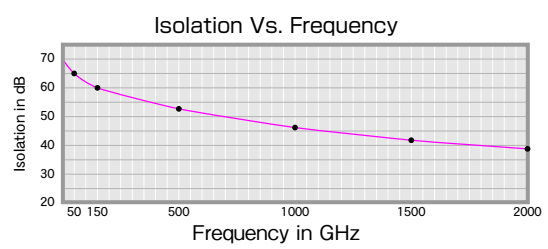
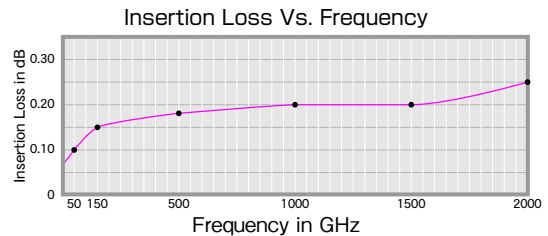
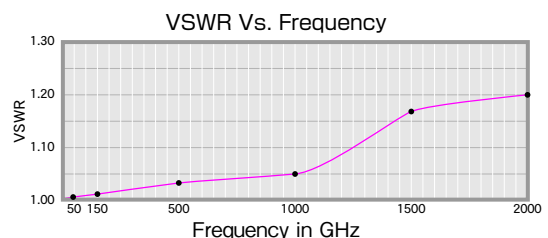
Resistance Ohms
86 ±10% 20°C

DIMENSIONS

■ SCALE m/n



Typical Operating Curves



Schematic

