

# SPECIFICATION

## MODEL

### CX-530D

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 ..... 1 N Type female connector and  
 2 BNC Type female connectors.

#### ELECTRICAL CHARACTERISTICS

ELECTRICAL CHARACTERISTICS :

Frequency MHz	VSWR Max	Isolation -dB(min)	Ins.Loss -dB(max)	IN PUT
				RF Power 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

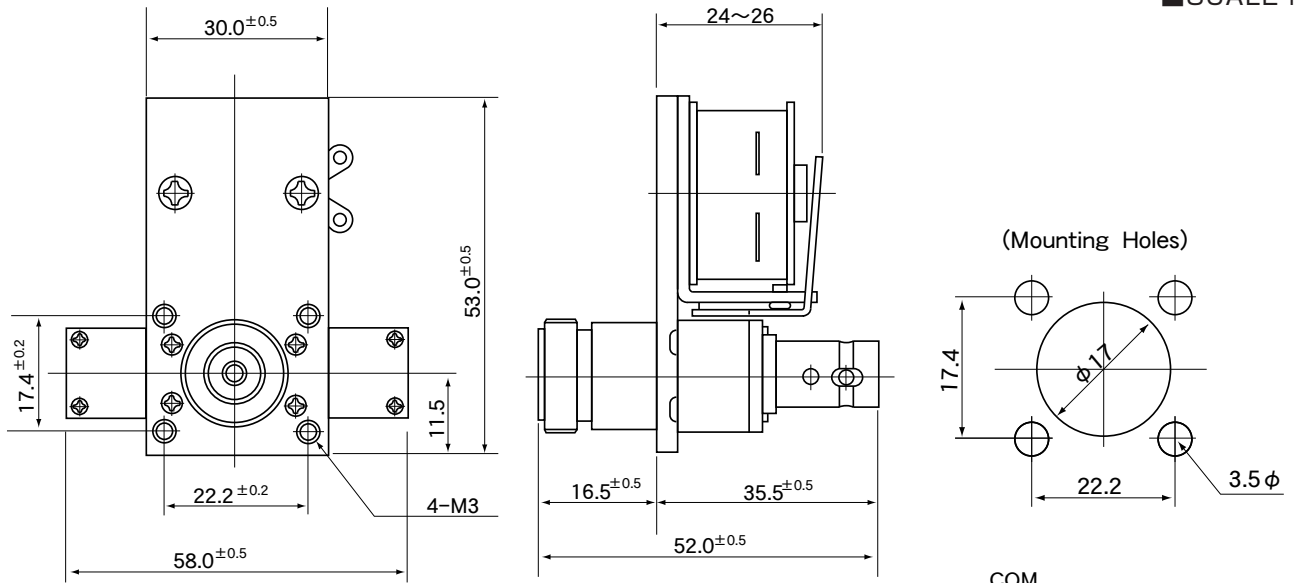
COIL CHARACTERISTICS :

Nominal Voltage                      Voltage Range                      Resistance Ohms  
 12Vdc                                      10Vdc - 14Vdc                      86 ±10% 20°C

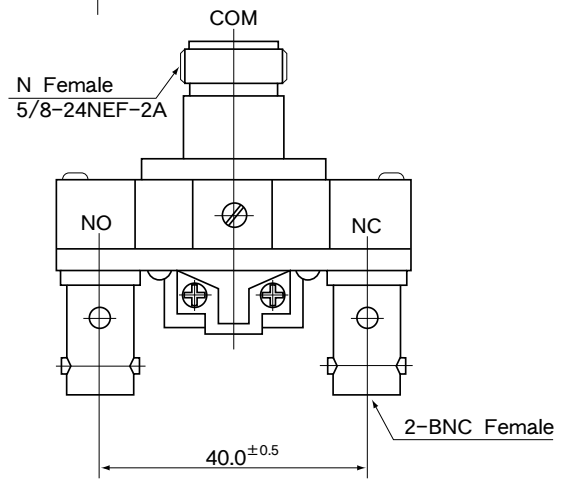
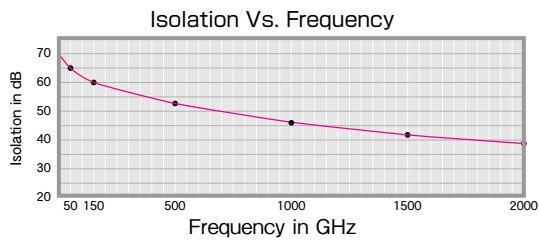
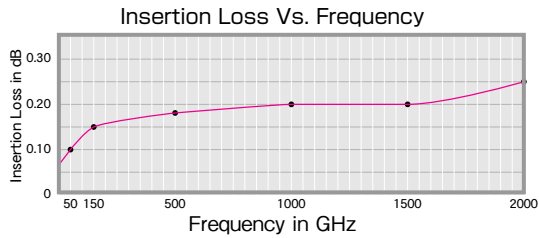
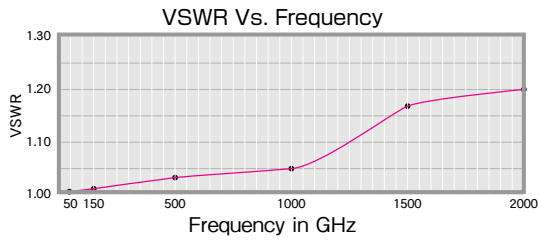
Note : Other voltages are also available at option.

# DIMENSIONS

SCALE m/n



# Typical Operating Curves



# Schematic

