

# SPECIFICATION

## MODEL

## CX-140D

**IMPEDANCE/50 Ohms.**

### VOLTAGE

**ACTUATION DATA :**  
**VOLTAGE :**

Pull in ..... 10Vdc - 14Vdc (12Vdc Nominal)  
 Drop out ..... 3.0Vdc Min.  
 Current ..... 80mA @12Vdc 20°C  
 Coil resistance ... 150 Ohms ±10% 20°C

### SWITCHING TIME

**SWITCHING TIME :**

Pull In ..... 15ms max.  
 Drop out ..... 10ms 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 95gs.  
 Mounting ..... Four screws  
 Cable connections ..... N Female, Directly connect cables

### ELECTRICAL CHARACTERISTICS

**ELECTRICAL CHARACTERISTICS :**

Frequency MHz	VSWR Max	Isolation -dB(min)	Ins.Loss -dB(max)	IN PUT
				RF Power Kw
50	1.03	55	0.08	0.25
150	1.03	51	0.1	0.25.
500	1.05	47	0.15	0.2
1000	1.06	34	0.2	0.15
1500	1.2	28	0.25	0.1

### COIL CHARACTERISTICS

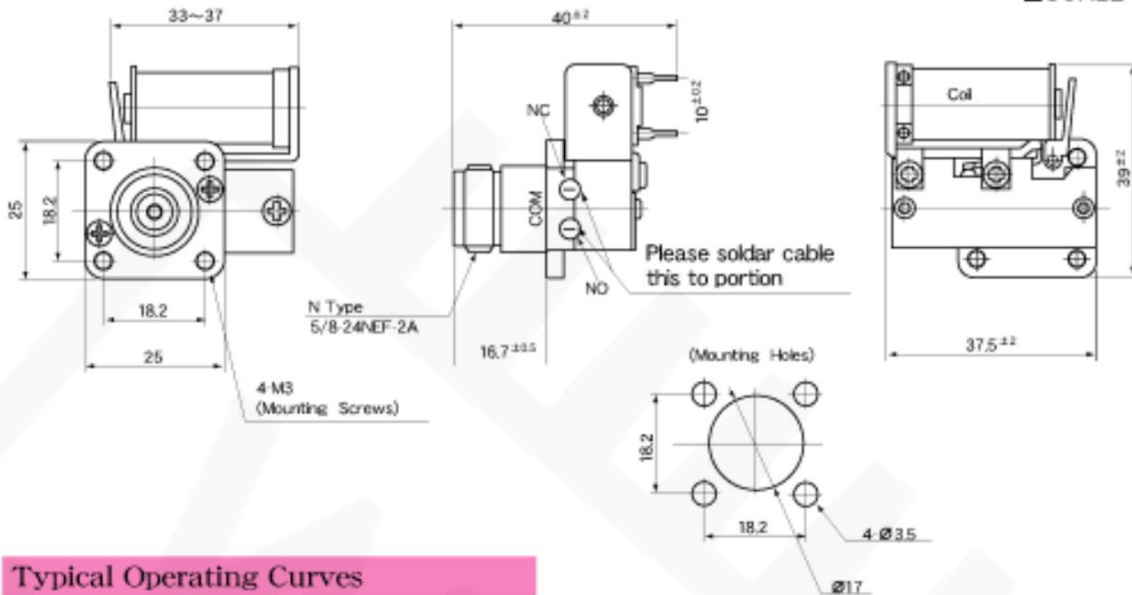
**COIL CHARACTERISTICS :**

Nominal Voltage 12Vdc	Voltage Range 10Vdc - 14Vdc	Coil Resistance Ohms 150 ±10% 20°C
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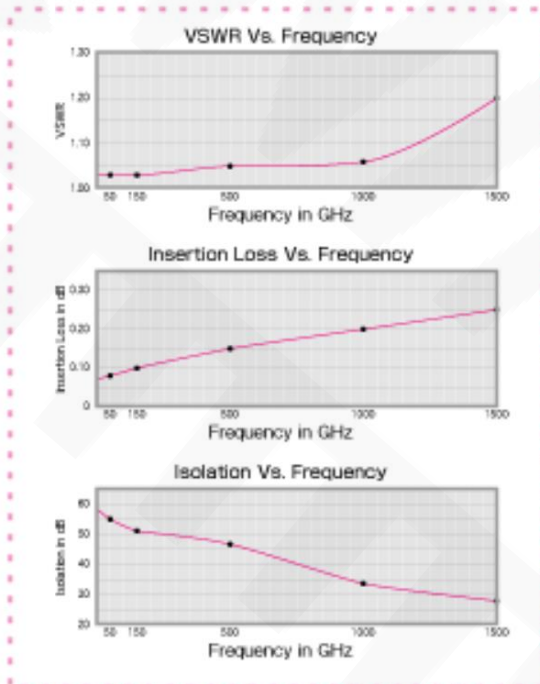
Note : Other voltages are also available at option.

## DIMENSIONS

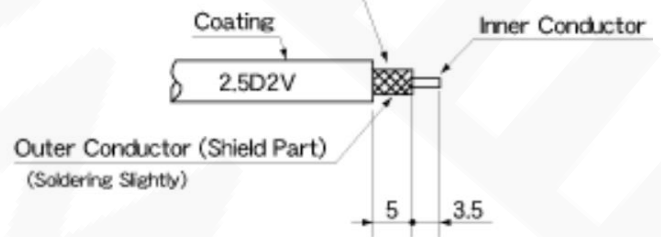
■ SCALE m/n



## Typical Operating Curves



Cable Termination  
Outer Conductor



## Schematic

