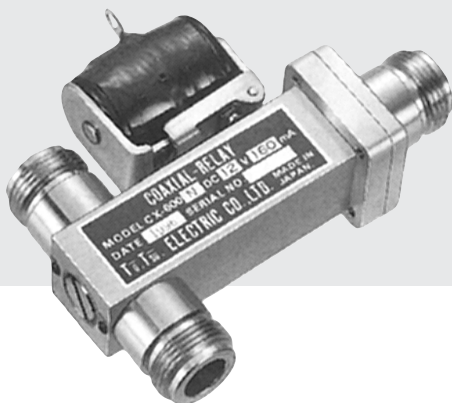




# SPECIFICATION

## MODEL

## CX-600N

IMPEDANCE / 50 Ohms.

### VOLTAGE

ACTUATION DATA :  
VOLTAGE :

Pull in ..... 10Vdc - 14Vdc (12.0Vdc Nominal)  
Drop out ..... 3.0Vdc Min.  
Current ..... 160mA @12Vdc 20℃  
Coil resistance ... 75 Ohms 10% @ 20℃

### 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℃ to + 50℃ (Max Temperature Rise:20c)  
Weight ..... Approx 230gs.  
Mounting ..... Two screws  
Cable connections ..... 3 N Type female connectors.

### ELECTRICAL CHARACTERISTICS

ELECTRICAL CHARACTERISTICS :

| Frequency<br>MHz | VSWR<br>Max | Isolation<br>-dB(min) | Ins.Loss<br>-dB(max) | IN PUT<br>RF Power |
|------------------|-------------|-----------------------|----------------------|--------------------|
|                  |             |                       |                      | KW                 |
| 50               | 1.03        | 60                    | 0.07                 | 1.0                |
| 150              | 1.1         | 48                    | 0.1                  | 1.0                |
| 500              | 1.15        | 37                    | 0.15                 | 0.8                |
| 1000             | 1.2         | 28                    | 0.2                  | 0.5                |
| 1500             | 1.2         | 26                    | 0.2                  | 0.35               |
| 2000             | 1.25        | 23                    | 0.23                 | 0.1                |

### COIL CHARACTERISTICS

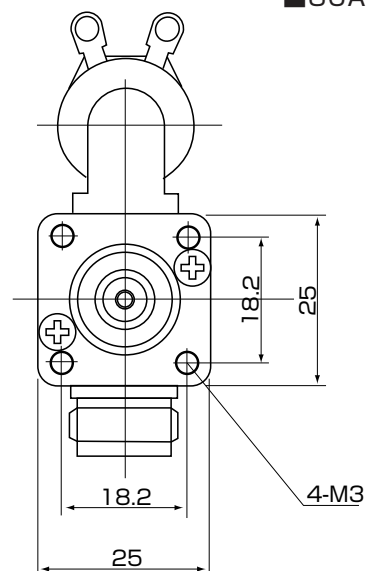
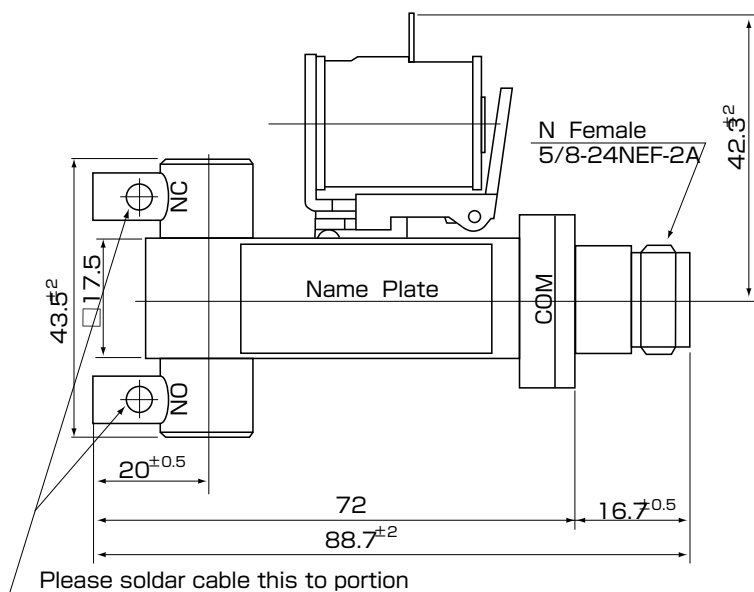
COIL CHARACTERISTICS :

|                 |               |                 |
|-----------------|---------------|-----------------|
| Nominal Voltage | Voltage Range | Resistance Ohms |
| 12Vdc           | 10Vdc - 14Vdc | 88 ±10% 20℃     |

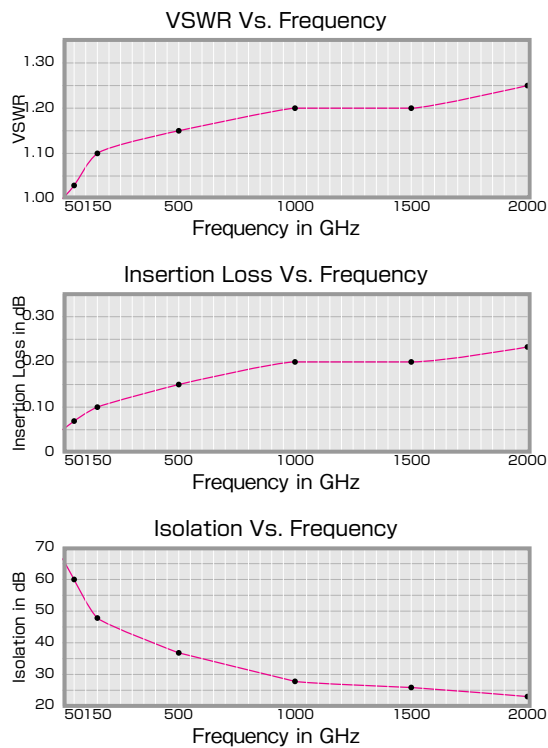
Note : Other voltages are also available at option.

## DIMENSIONS

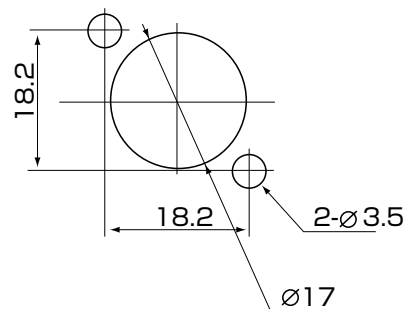
■ SCALE m/n



## Typical Operating Curves



(Mounting Holes)



## Schematic

