

# Coaxial Relay TOHTSU

## CX-230L-24V



### Mechanical Characteristics

|                         |       |                                 |
|-------------------------|-------|---------------------------------|
| Contact Arrangement     | ..... | SPDT                            |
| Operational Temperature | ..... | - 25 °C to + 50 °C              |
| Max Temperature Rise    | ..... | 20 °C                           |
| Weight                  | ..... | Approx. 230 g                   |
| Mounting                | ..... | Two screws                      |
| Cable Connections       | ..... | 3 BNC-LR Type female connectors |

### Electrical Characteristics

|                 |       |                      |
|-----------------|-------|----------------------|
| Impedance       | ..... | 50 Ω                 |
| Nominal Voltage | ..... | 24 V DC              |
| Voltage Range   | ..... | 20 V DC - 26 V DC    |
| Current         | ..... | 80 mA @24 V DC 20 °C |
| Coil Resistance | ..... | 300 ±20% Ω @ 20 °C   |

### RF-Properties

| Frequency | VSWR | Isolation      | Ins. Loss | RF Power input |
|-----------|------|----------------|-----------|----------------|
| MHz       | max  | -dB(min) ±3 dB | -dB(max)  | W (PEP)        |
| 50        | 1.05 | 56             | 0.05      | 300            |
| 150       | 1.10 | 42             | 0.05      | 300            |
| 500       | 1.17 | 33             | 0.12      | 300            |
| 1000      | 1.30 | 25             | 0.20      | 200            |

### Actuation Data

|          |       |                                     |
|----------|-------|-------------------------------------|
| Pull In  | ..... | 20 V DC - 26 V DC (24 V DC Nominal) |
| Drop Out | ..... | 6.9 V DC min.                       |

### Switching Time

|                 |       |                         |
|-----------------|-------|-------------------------|
| Pull In         | ..... | 20 ms typ.              |
| Drop Out        | ..... | 15 ms typ.              |
| Life Expectancy | ..... | 500.000 Operations min. |

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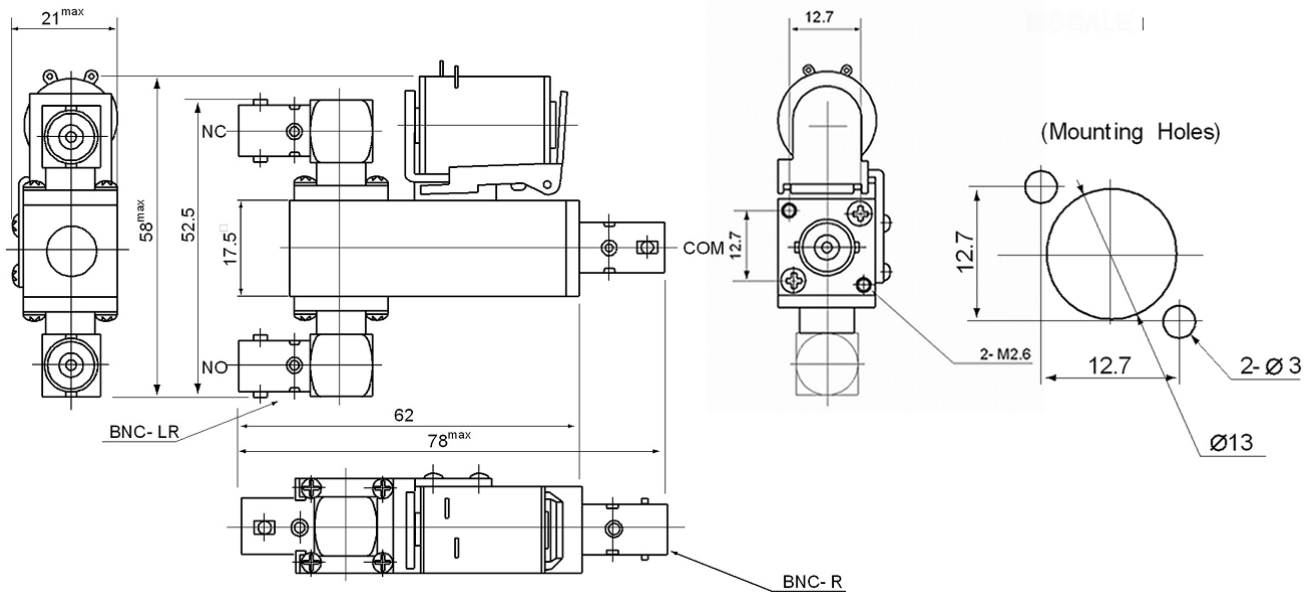
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Technische Änderungen vorbehalten

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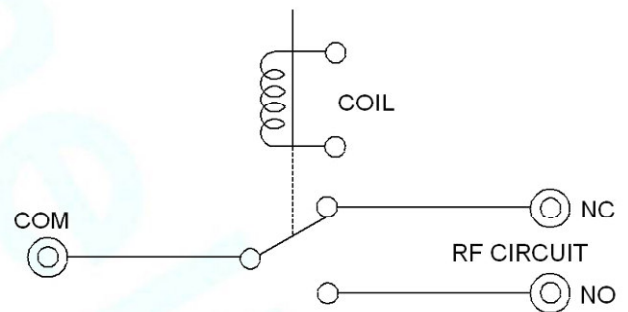
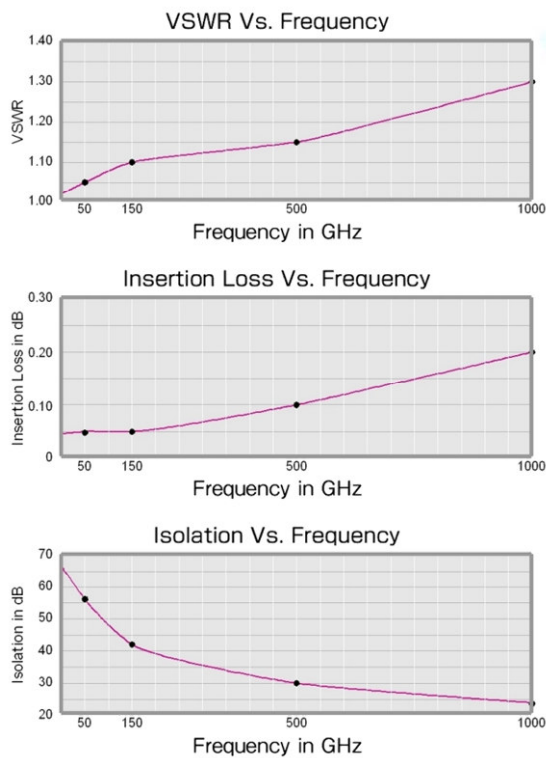
## CX-230L-24V

### Dimensions



### Typical Operating Curves

### Schematic



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