

Coaxial Relay TOHTSU

CX-120A-12V



Mechanical Characteristics

Contact Arrangement	SPDT
Operational Temperature	- 25 °C to + 50 °C
Max Temperature Rise	20 °C
Weight	Approx. 70 g
Mounting	Two screws
Cable Connections	Directly connect cables (solder/clamp)

Electrical Characteristics

Impedance	50 Ohms
Nominal Voltage	12 V DC
Voltage Range	10 V DC - 14 V DC
Current	80 mA @12 V DC 20 °C
Coil Resistance	150 ±10% Ohms @ 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	60	0.05	250
150	1.10	50	0.10	200
500	1.30	40	0.20	150
1000	1.40	29	0.25	150

Actuation Data

Pull In	10 V DC - 14 V DC (12 V DC Nominal)
Drop Out	3,0 V DC min.

Switching Time

Pull In	20 ms max.
Drop Out	15 ms max.
Life Expectancy	500.000 Operations min.

TOHTSU®

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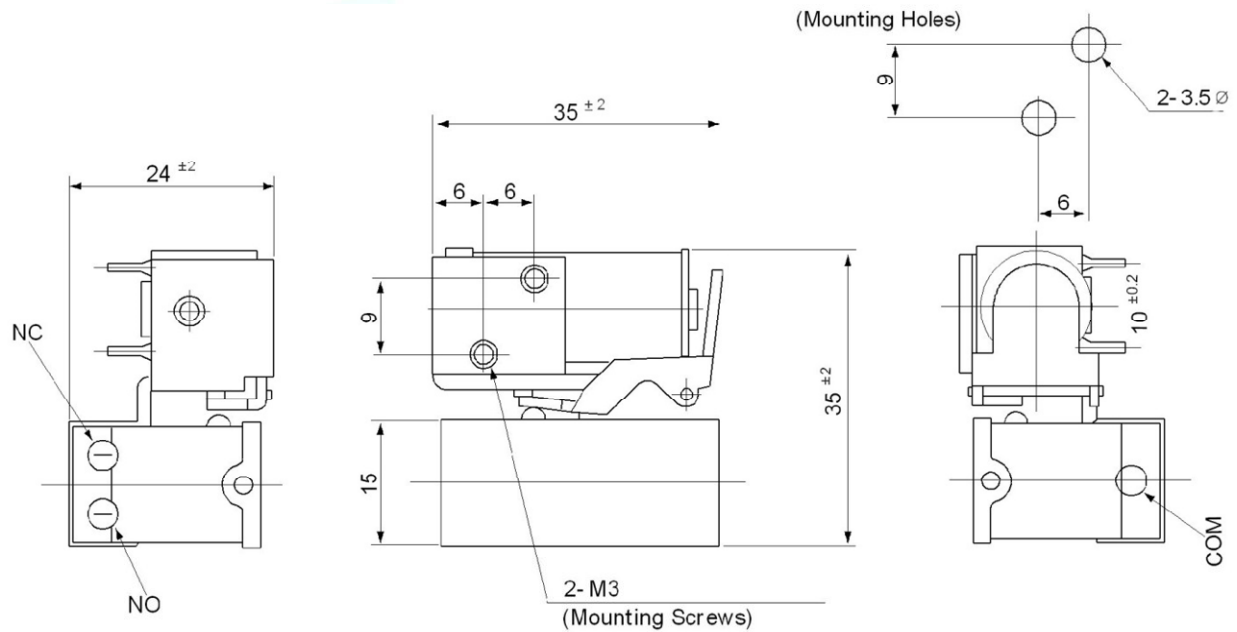
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Technische Änderungen vorbehalten

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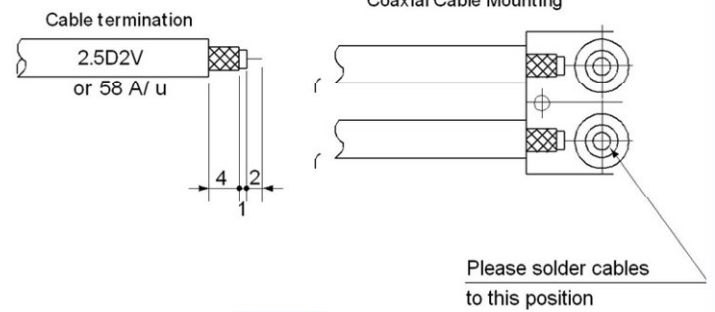
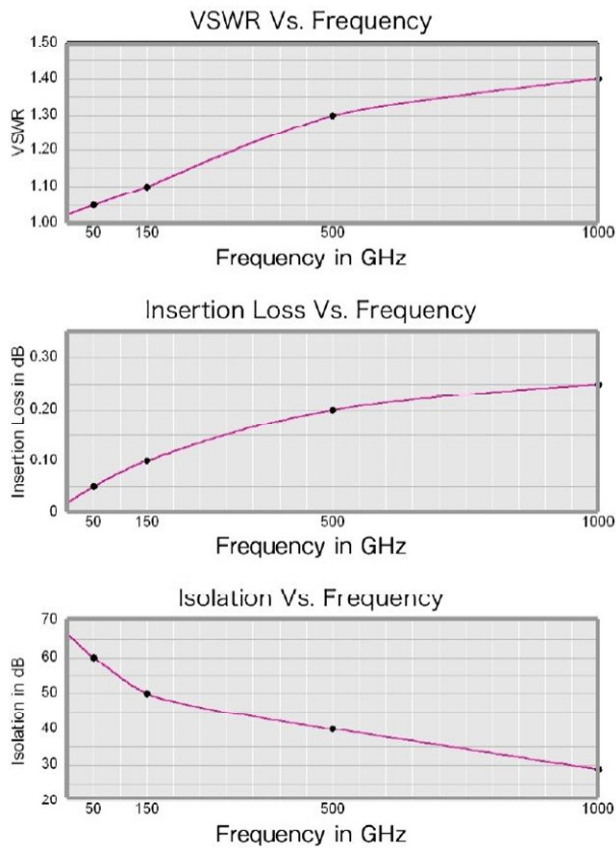
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Dimensions

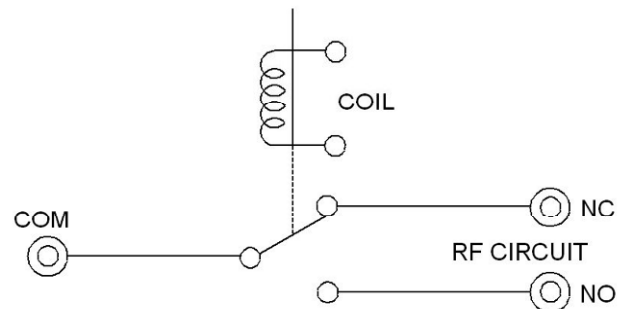


Typical Operating Curves

Cable Mounting



Schematic



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