

Coaxial Relay TOHTSU

CX-531N-12V



Mechanical Characteristics

Contact Arrangement	.....	SPDT
Operational Temperature	.....	- 25 °C to + 50 °C
Max Temperature Rise	.....	20 °C
Weight	.....	Approx. 200 g
Mounting	.....	Four screws
Cable Connections	.....	1 × N-type; 2 × Directly connect cables

Electrical Characteristics

Impedance	.....	50 Ohms
Nominal Voltage	.....	12 V DC
Voltage Range	.....	10 V DC - 14 V DC
Current	.....	160 mA @12 V DC 20 °C
Coil Resistance	.....	75 Ω ± 10% @ 20 °C

RF-Properties

Frequency	VSWR	Isolation	Ins. Loss	RF Power input
MHz	max	-dB(min) ±3 dB	-dB(max)	W (PEP)
50	1.01	65	0.15	200
150	1.02	65	0.15	200
500	1.03	40	0.20	150
1000	1.05	20	0.25	100
1500	1.20	15	0.30	100

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		1.000.000 Operations min.

TOHTSU®

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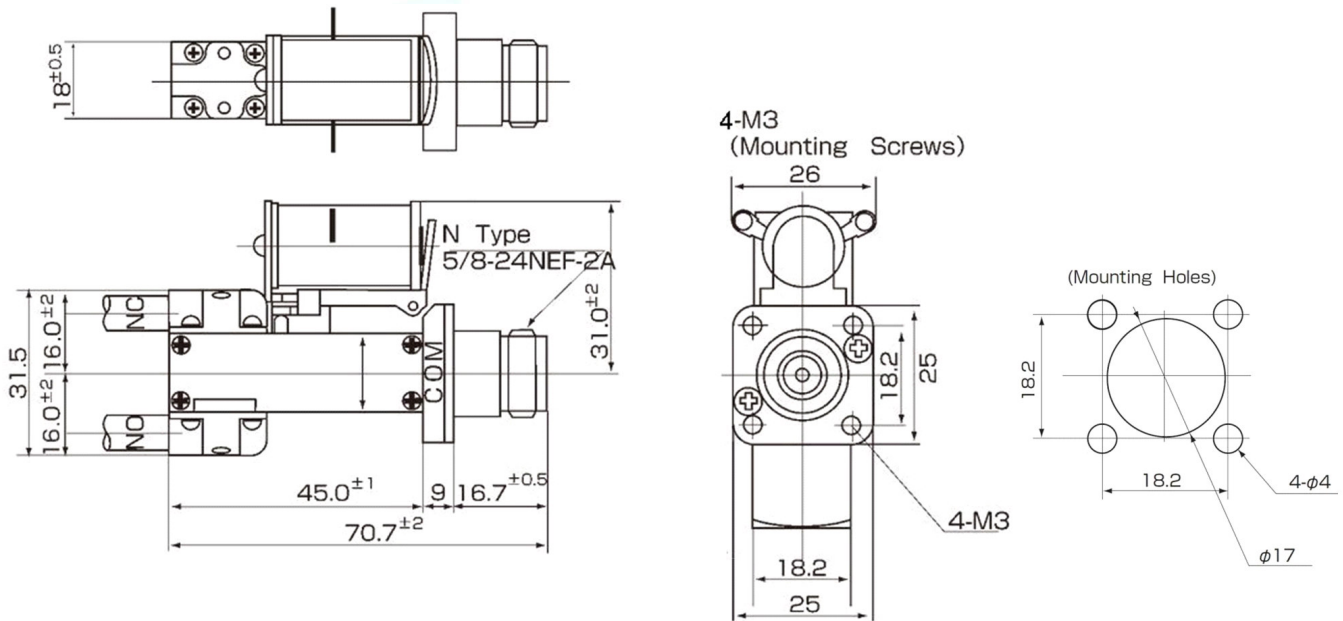
www.mecheltron.com

Technische Änderungen vorbehalten

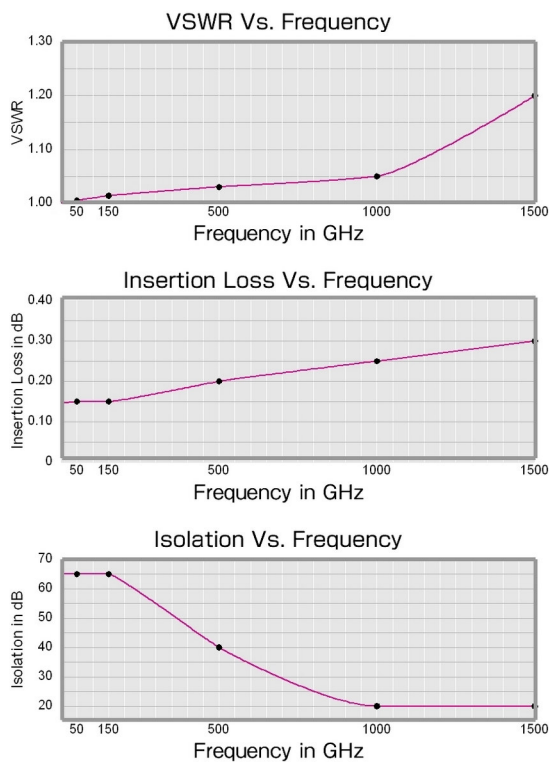
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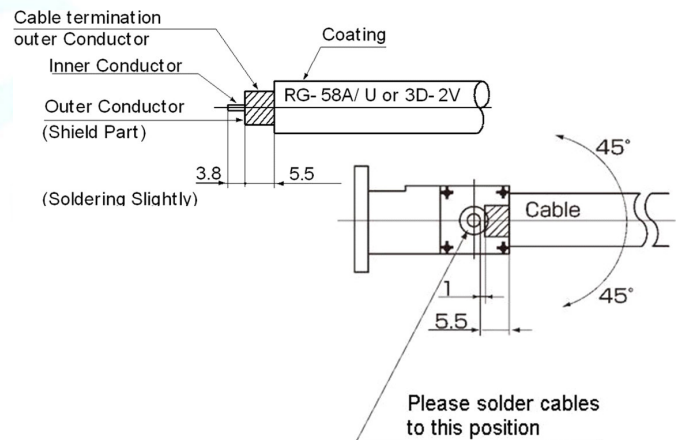
Dimensions



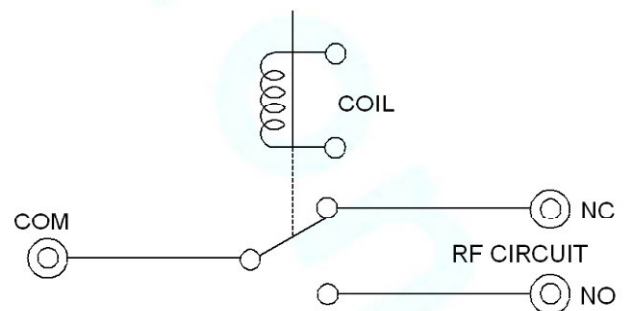
Typical Operating Curves



Cable Mounting



Schematic



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