

Coaxial Relay TOHTSU

CX-520D-12V



Mechanical Characteristics

Contact Arrangement	.....	SPDT
Operational Temperature	.....	- 25 °C to + 50 °C
Max Temperature Rise	.....	20 °C
Weight	.....	Approx. 250 g
Mounting	.....	Two screws
Cable Connections	.....	Three N-female sockets

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	.....	75 ±10% Ohms @ 20 °C

RF-Properties

Frequency MHz	VSWR max	Isolation -dB(min) ±3 dB	Ins. Loss -dB(max)	RF Power input W (PEP)
50	1.005	65	0.010	350
150	1.01	60	0.015	300
500	1.03	53	0.018	300
1000	1.06	46	0.050	250
1500	1.17	42	0.050	200
2000	1.20	39	0.100	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.

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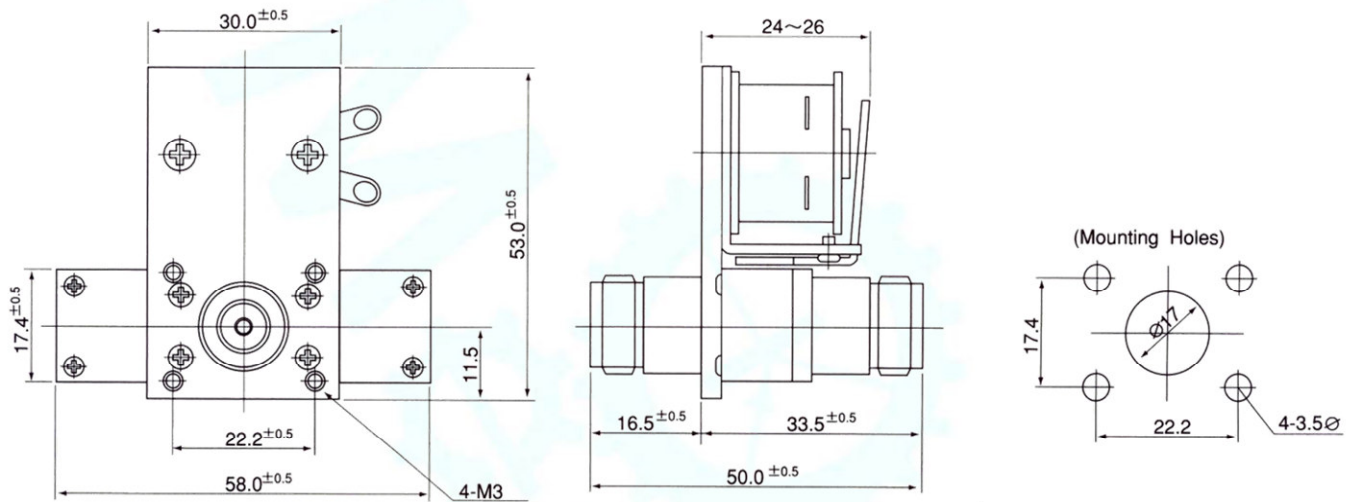
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Technische Änderungen vorbehalten

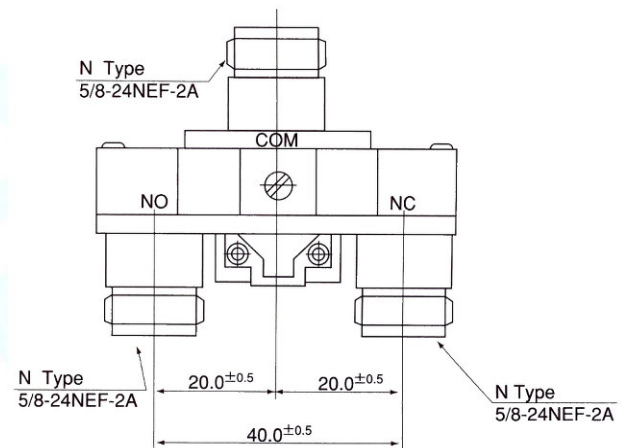
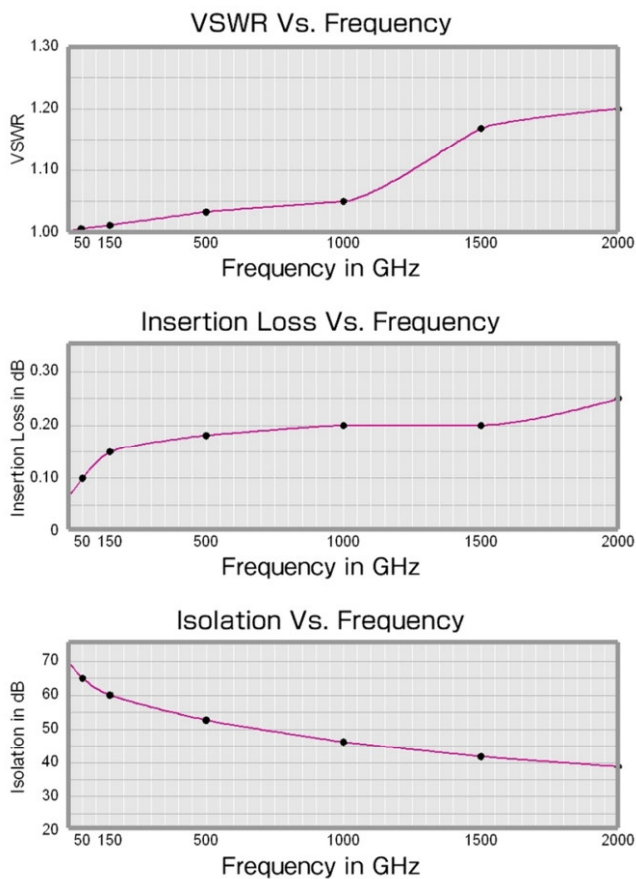
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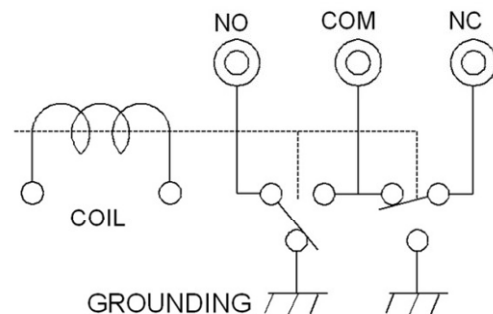
Dimensions



Typical Operating Curves



Schematic



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