

Coaxial Relay TOHTSU

CX-140D-12V



Mechanical Characteristics

Contact Arrangement	.....	SPDT
Operational Temperature	.....	- 25 °C to + 50 °C
Max Temperature Rise	.....	20 °C
Weight	.....	Approx. 95 g
Mounting	.....	Four screws
Cable Connections	.....	N-Female, directly connect cables

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	1.03	55	0.08	250
150	1.03	51	0.10	250
500	1.05	47	0.15	200
1000	1.06	34	0.20	150
1500	1.20	28	0.25	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	.....	15 ms max.
Drop Out	.....	10 ms max.
Life Expectancy	.....	500.000 Operations min.

TOHTSU®

Right of techn. modifications is reserved

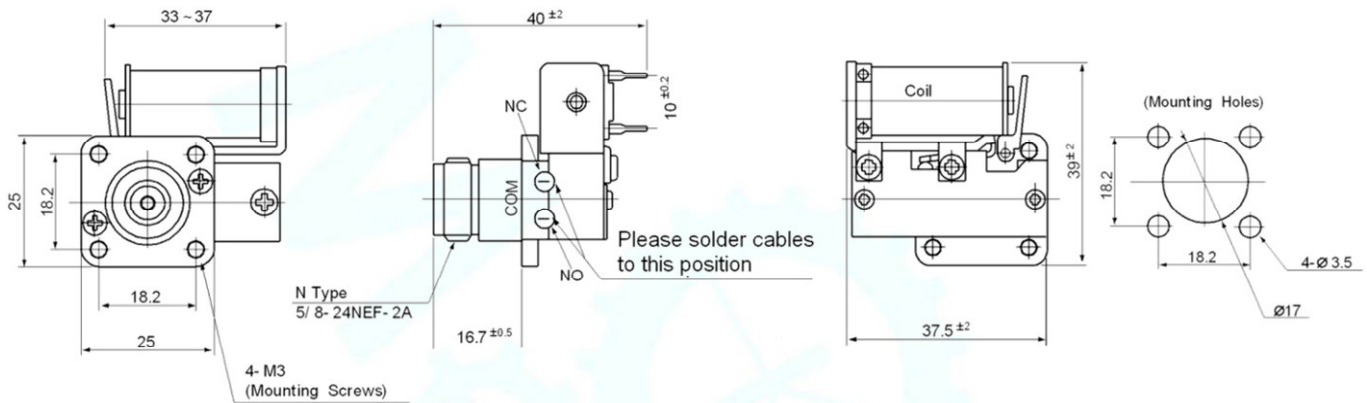
www.mecheltron.com

Technische Änderungen vorbehalten

Coaxial Relay TOHTSU

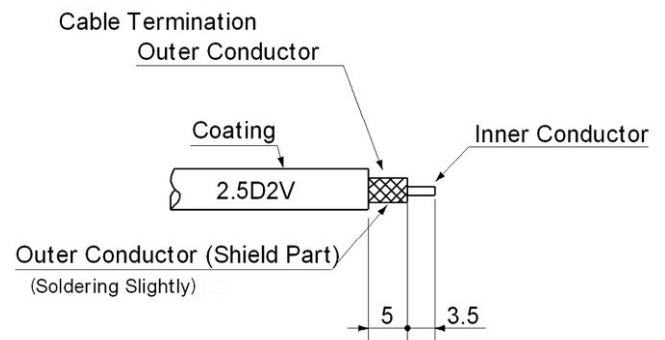
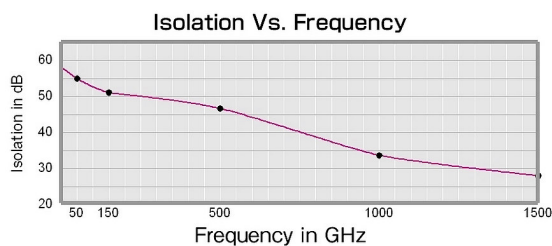
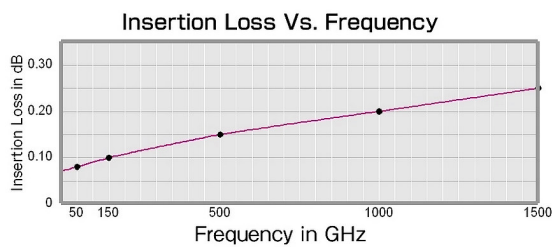
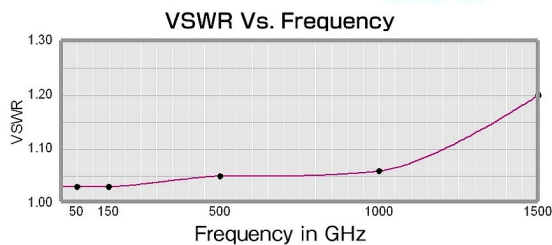
CX-140D-12V

Dimensions

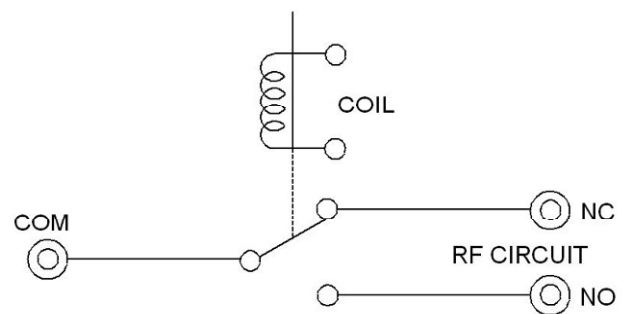


Typical Operating Curves

Cable Mounting



Schematic



TOHTSU®

www.mecheltron.com

Right of techn. modifications is reserved

Technische Änderungen vorbehalten