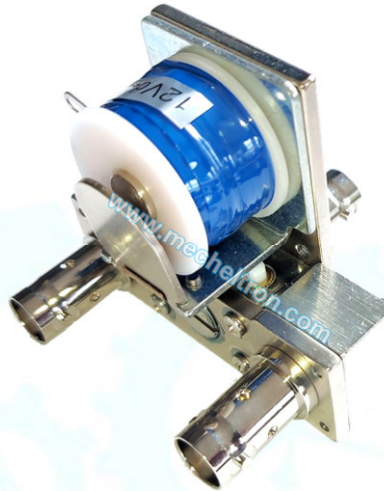


Coaxial Relay TOHTSU

CX-540D-12V



Mechanical Characteristics

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

Electrical Characteristics

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

RF-Properties

Frequency	VSWR	Isolation	Ins. Loss	RF Power input
MHz	max	-dB(min) ± 3 dB	-dB(max)	W (PEP)
50	1.005	65	0.010	350
150	1.010	60	0.015	300
500	1.030	53	0.018	300
1000	1.050	46	0.050	250
1500	1.170	42	0.050	200
2000	1.200	39	0.100	100

Actuation Data

Pull In	.....	10 V DC - 14 V DC (12 V DC Nominal)
Drop Out	.....	1.5 V DC min.

Switching Time

Pull In	.....	20 ms max.
Drop Out	.....	15 ms max.
Life Expectancy	.....	1.000.000 Operations min.

TOHTSU®

www.mecheltron.com

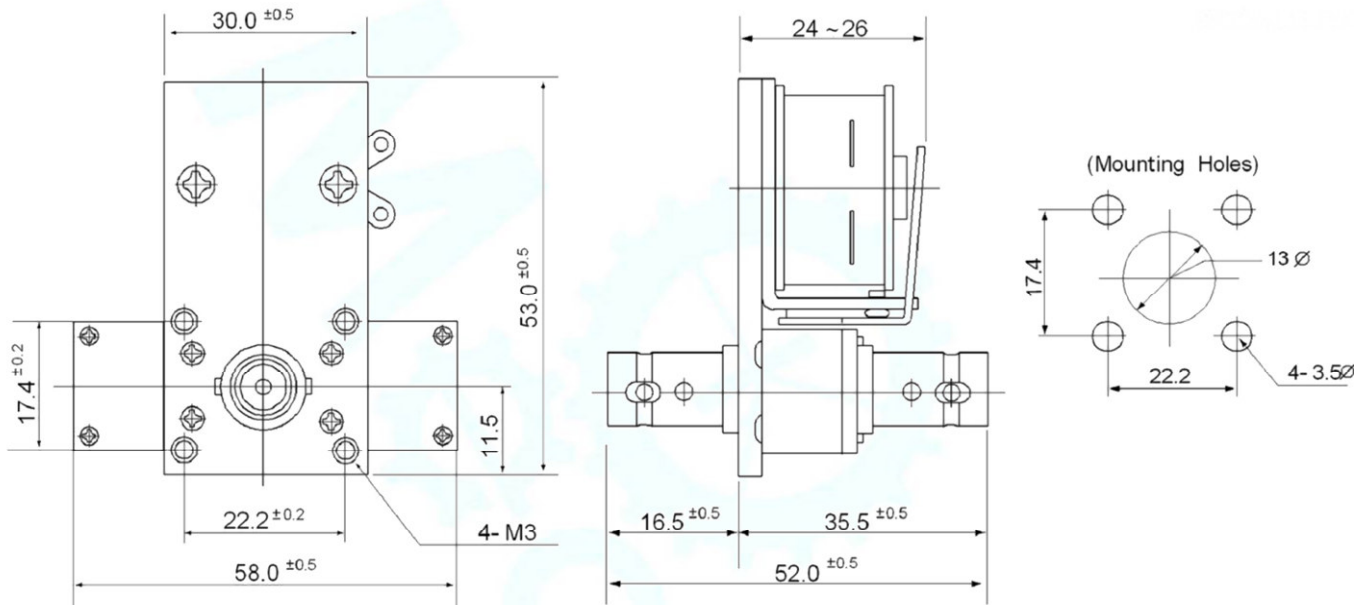
Right of techn. modifications is reserved

Technische Änderungen vorbehalten

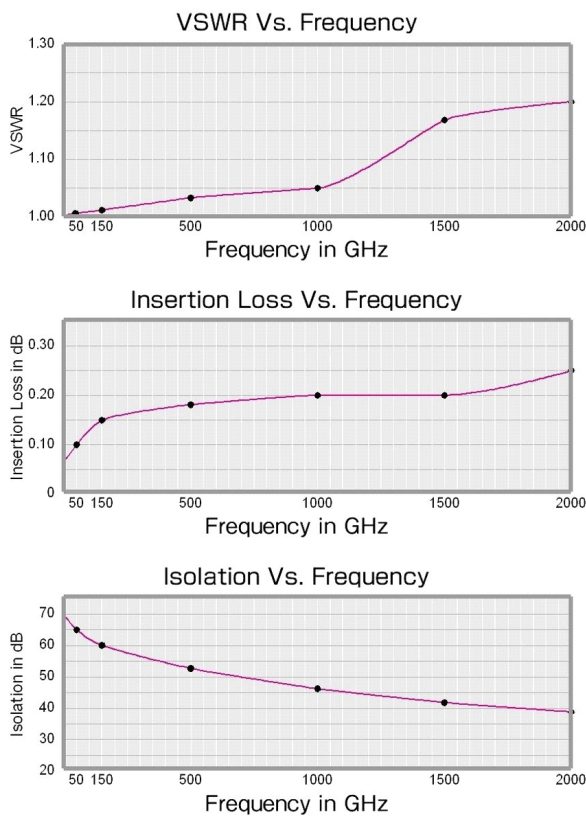
Coaxial Relay TOHTSU

CX-540D-12V

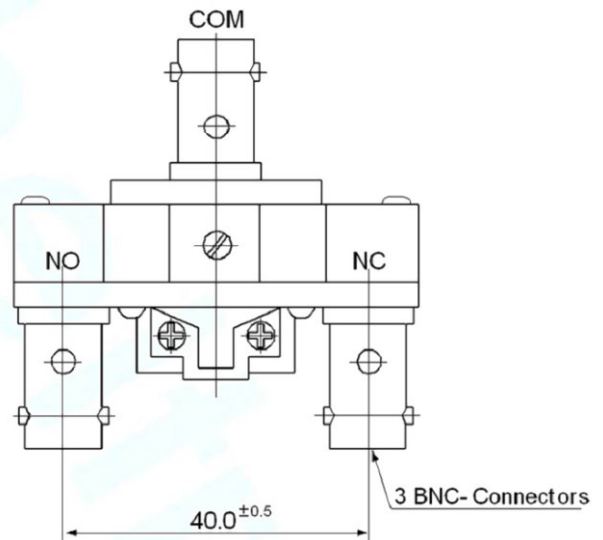
Dimensions



Typical Operating Curves



Cable Mounting



Schematic

