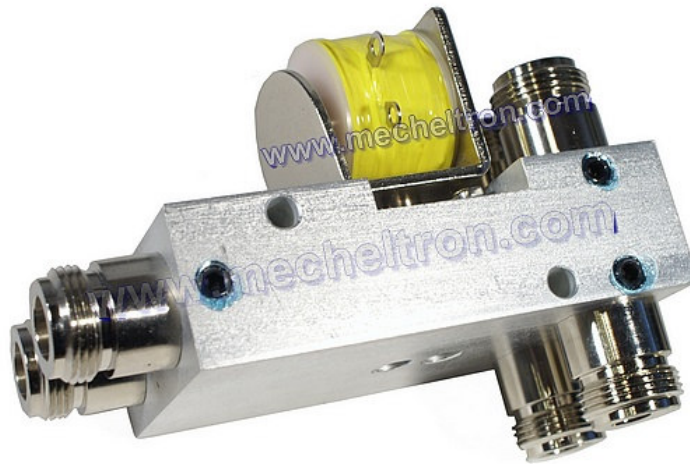


Coaxial Relay TOHTSU

CX-800N-12V



Mechanical Characteristics

Contact Arrangement	.....	DPDT
Operational Temperature	.....	- 25 °C to + 50 °C
Max Temperature Rise	.....	20 °C
Weight	.....	Approx. 365 g
Mounting	.....	Four screws
Cable Connections	.....	6 N type female

Electrical Characteristics

Impedance	.....	50 Ω
Nominal Voltage	.....	12 V DC
Voltage Range	.....	10 V DC - 14 V DC
Current	.....	226 mA @12 V DC 20 °C
Coil Resistance	.....	53 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	1.10	50	0.15	1000
150	1.15	48	0.15	1000
500	1.15	37	0.20	800
1000	1.18	28	0.20	500
1500	1.20	26	0.20	350
2000	1.30	23	0.30	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	.....	1.000.000 Operations min.

TOHTSU®

Right of techn. modifications is reserved

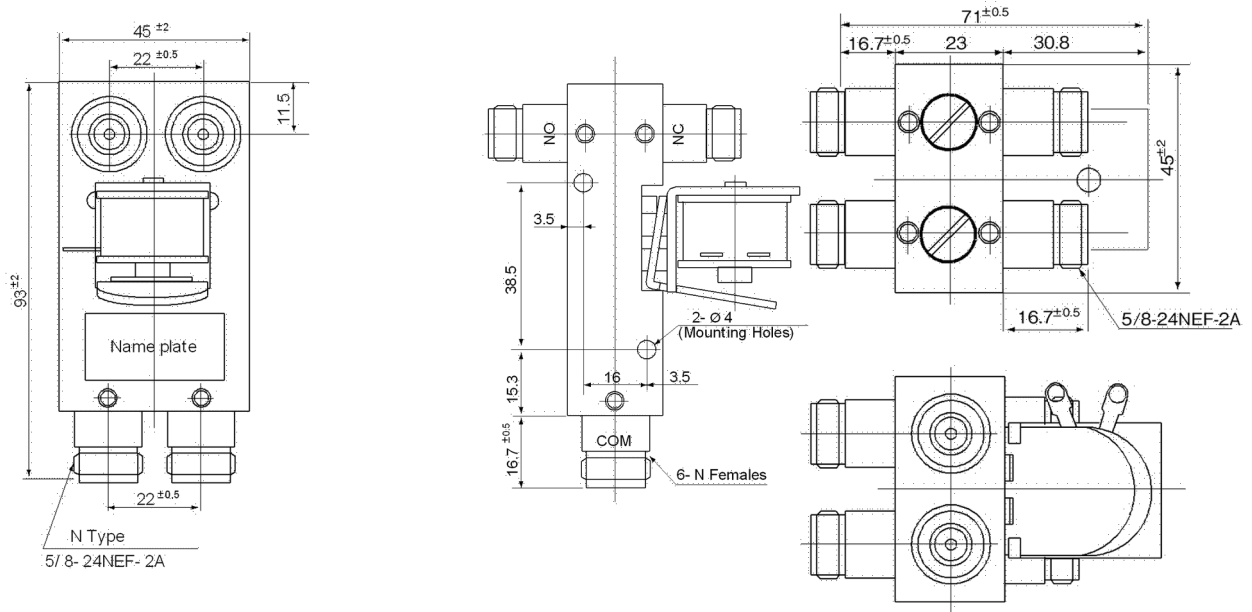
www.mecheltron.com

Technische Änderungen vorbehalten

Coaxial Relay TOHTSU

CX-800N-12V

Dimensions



Typical Operating Curves

Schematic

