

Coaxial Relay TOHTSU

CZX-3500-12V



Mechanical Characteristics

Contact Arrangement	.....	SPDT
Operational Temperature	.....	- 25 °C to + 50 °C
Max Temperature Rise	.....	20 °C
Weight	.....	Approx. 320 g
Mounting	.....	Four screws
Cable Connections	.....	3 N type female

Electrical Characteristics

Impedance	.....	50 Ω
Nominal Voltage	.....	12 V DC
Voltage Range	.....	10 V DC - 14 V DC
Current	.....	230 mA @12 V DC 20 °C
Coil Resistance	.....	52 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	1.008	65	0.10	1000
150	1.01	65	0.10	1000
500	1.03	65	0.20	800
1000	1.06	65	0.25	600
1500	1.07	65	0.30	250
2000	1.10	60	0.30	50
3000	1.15	55	0.35	15
4000	1.008	65	0.10	1000

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		18 ms max.
Life Expectancy		1.000.000 Operations min.

TOHTSU®

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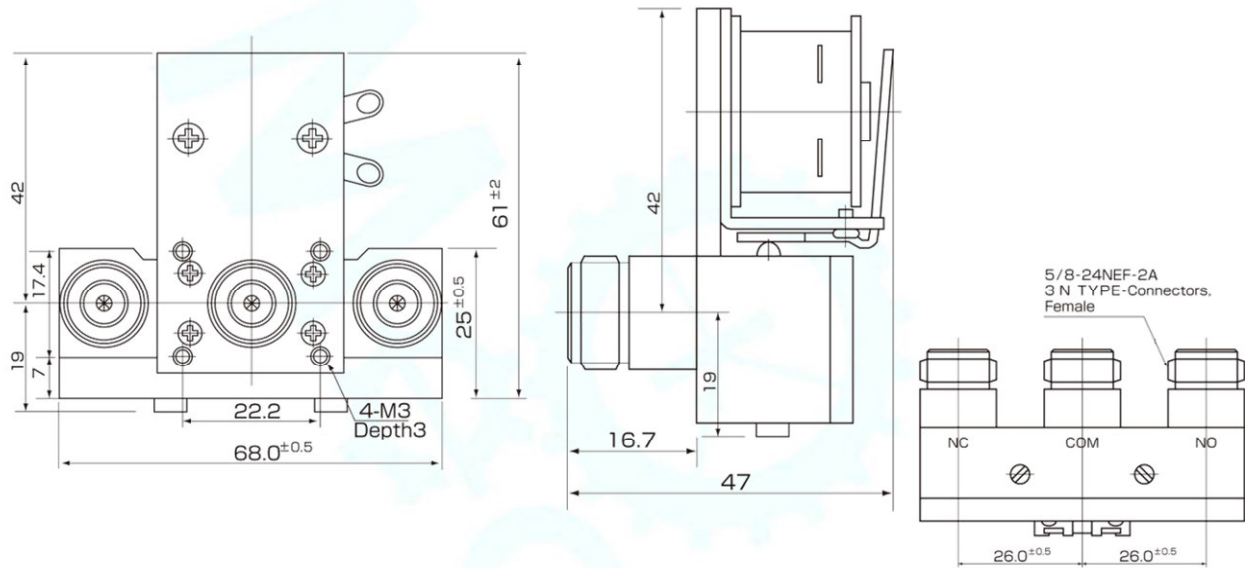
Right of techn. modifications is reserved

Technische Änderungen vorbehalten

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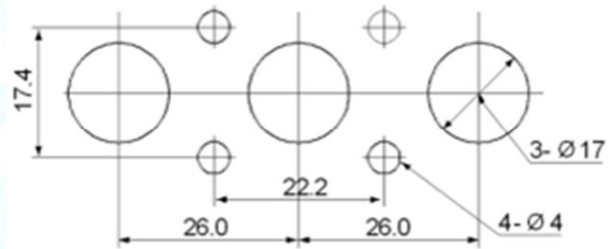
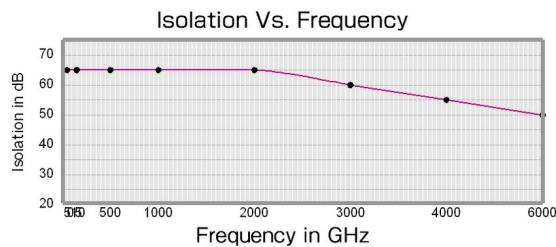
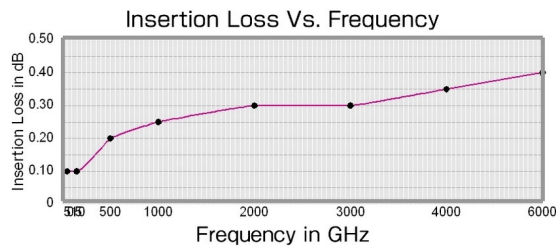
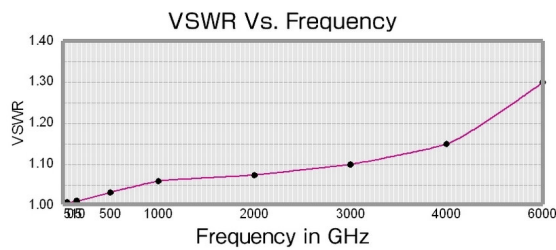
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Dimensions



Typical Operating Curves

Mounting Holes



Schematic

