

Coaxial Relay TOHTSU

CX-120P-12V



Mechanical Characteristics

Contact Arrangement		SPDT
Operational Temperature		- 25 °C to + 50 °C
Max Temperature Rise		20 °C
Weight		Approx. 70 g
Mounting		Printed Board only

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	1.05	60	0.05	250
150	1.10	50	0.10	200
500	1.30	40	0.20	150
1000	1.40	29	0.25	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		500.000 Operations min.

TOHTSU®

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Right of techn. modifications is reserved

Technische Änderungen vorbehalten

Bottom view drawing of the PCB showing dimensions and component locations. The drawing includes the following dimensions and labels:

- Overall width: 26 ± 0.2
- Overall height: 20.7 ± 0.2
- Distance from top edge to the center of the NC component: 13.2 ± 0.2
- Distance from the left edge to the center of the COM component: 9 ± 0.15
- Distance from the center of the COM component to the center of the NO component: 19 ± 0.2
- Distance from the center of the NO component to the right edge: 6 ± 0.15
- Labels: COM, NC, NO

TOP VIEW