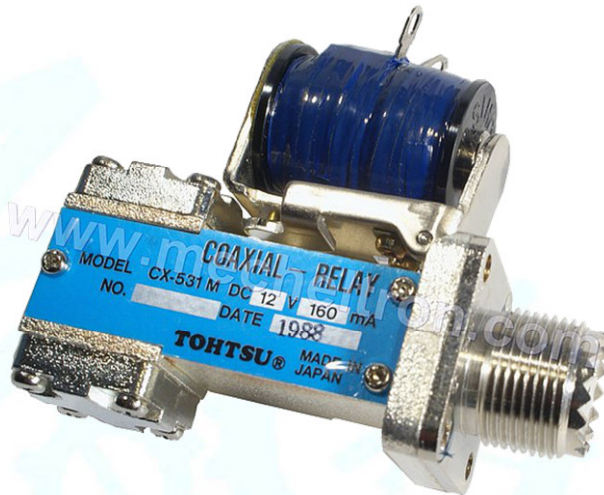


Coaxial Relay TOHTSU

CX-531M-12V



Mechanical Characteristics

Contact Arrangement	.....	SPDT
Operational Temperature	.....	- 25 °C to + 50 °C
Max Temperature Rise	.....	20 °C
Weight	.....	Approx. 250 g
Mounting	.....	Two screws
Cable Connections (solder/clamp)	.....	one UHF-socket, directly connect cables

Electrical Characteristics

Impedance	.....	50 Ohms
Nominal Voltage	.....	12 V DC
Voltage Range	.....	10 V DC - 14 V DC
Current	.....	133 mA @12 V DC 20 °C
Coil Resistance	.....	90 ±10% Ohms @ 20 °C

RF-Properties

Frequency MHz	VSWR max	Isolation -dB(min) ±3 dB	Ins. Loss -dB(max)	RF Power input W (PEP)
50	1.03	56	0.070	1000
150	1.10	44	0.100	800
500	1.15	34	0.150	700

Actuation Data

Pull In	.....	10 V DC - 14 V DC (12 V DC Nominal)
Drop Out	.....	2.6 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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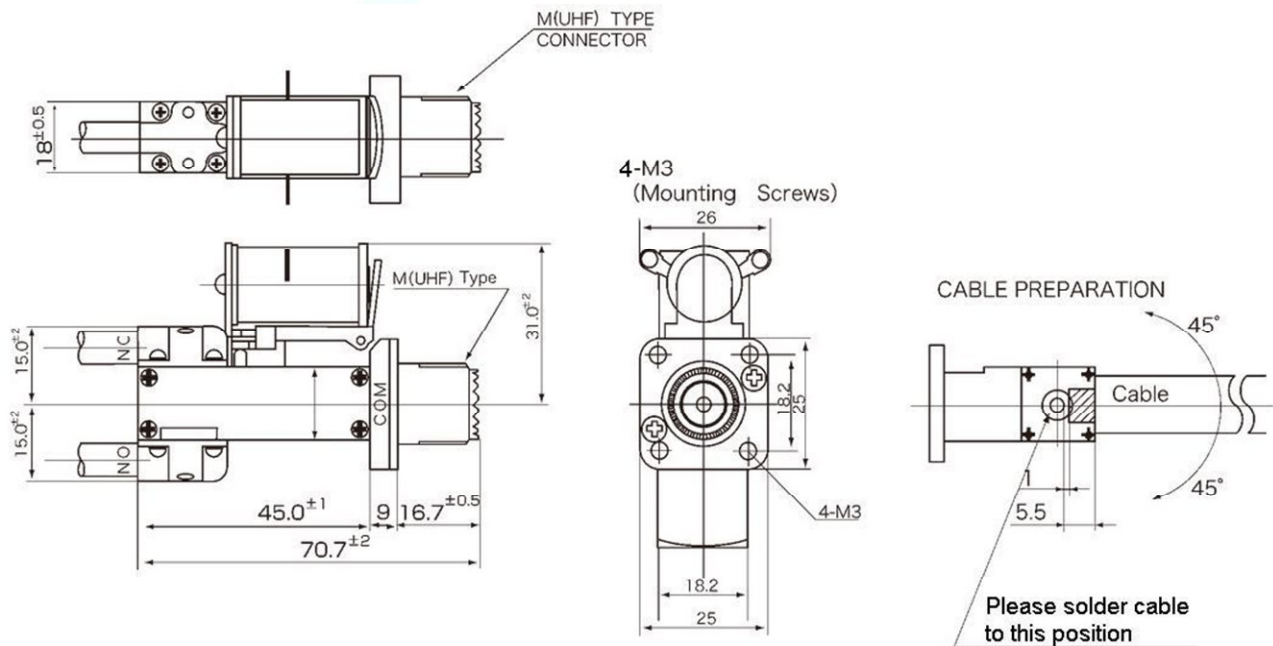
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Technische Änderungen vorbehalten

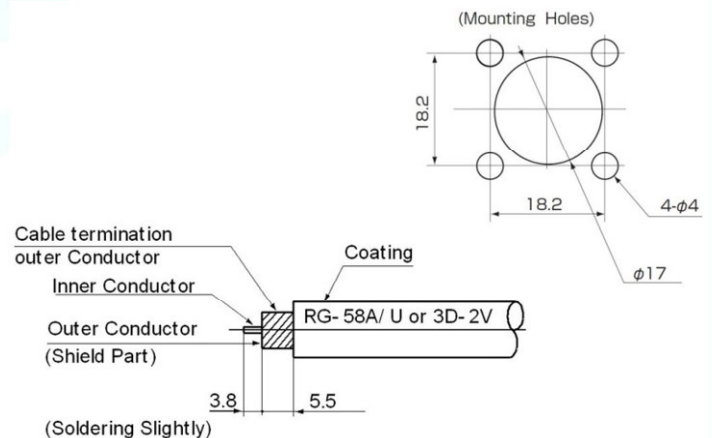
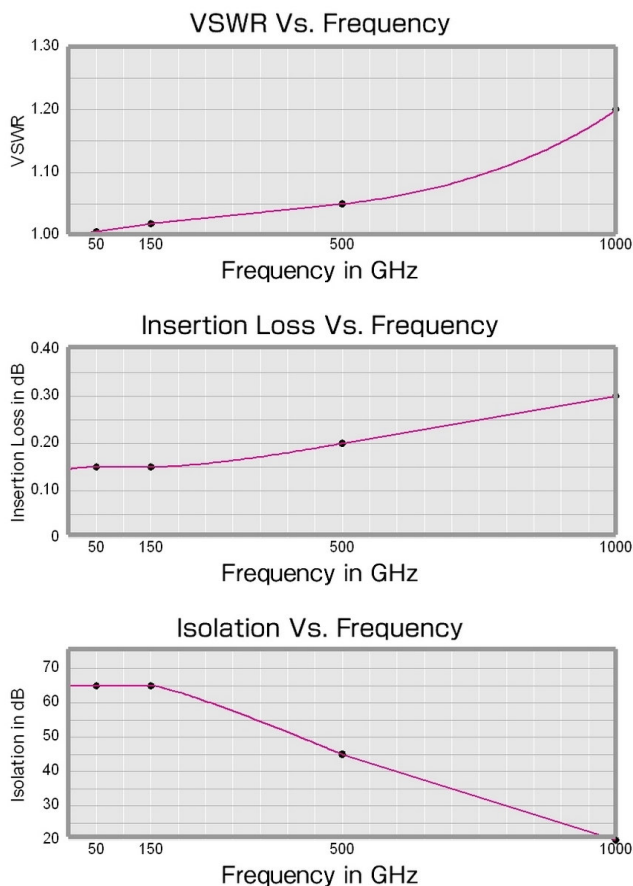
Coaxial Relay TOHTSU

CX-531M-12V

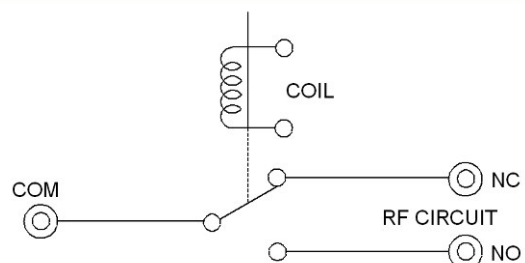
Dimensions



Typical Operating Curves



Schematic



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