

# Data Sheet

## Coaxial Relay CX-120A



### MECHANICAL CHARACTERISTICS :

Contact Arrangement	.....	SPDT
Operational Temperature	.....	- 25 °C to + 50 °C
Max Temperature Rise	.....	20 °C
Weight	.....	Approx. 70 g
Mounting	.....	Two screws
Cable Connections	.....	Directly connect cables (solder/clamp)

### 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	1.01	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.

