

SPECIFICATION MODEL CX-140D

IMPEDANCE 50 Ohms.



VOLTAGE

ACTUATION DATA:

VOLTAGE:

Pull in 9Vdc - 15Vdc (12Vdc Nominal)

Drop out 1.5Vdc Min.

Current 80mA @12Vdc 20°C

Coil resistance ... 150 Ohms $\pm 10\%$ 20°C

SWITCHING TIME

SWITCHING TIME:

Pull in 15ms max.

Drop out 10ms max.

LIFE EXPECTANCY ... 1,000,000. Operation min.

MECHANICAL

MECHANICAL:

Contact arrangement SPDT

RF contacts Break before make.

Operational temperature -50°C to +70°C

Weight Approx 95gs.

Mounting Four screws

Cable connections N Female, Directly connect cable

ELECTRICAL CHARACTERISTICS

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Frequency MHz	VSWR Max	Isolation -dB(min)	Ins.Loss -dB(max)	IN PUT RF Power W
50	1.03	55	0.08	250
150	1.03	51	0.1	250
500	1.05	47	0.15	200
1000	1.06	34	0.2	150
1500	1.2	28	0.25	100

COIL CHARACTERISTICS

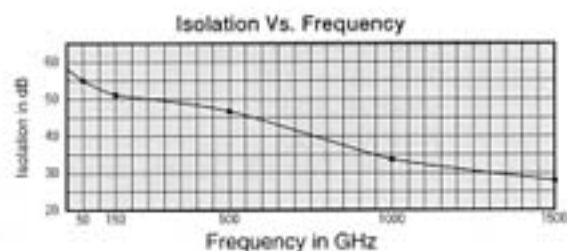
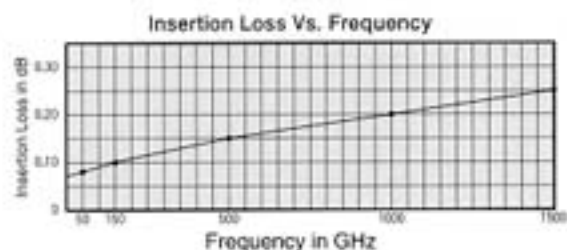
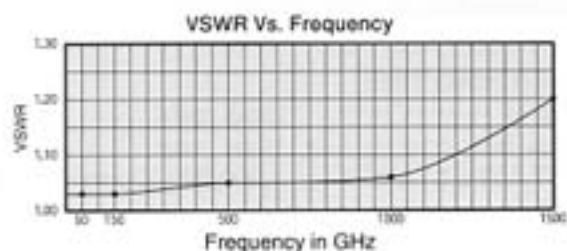
COIL CHARACTERISTICS:

Nominal Voltage
12Vdc
24Vdc

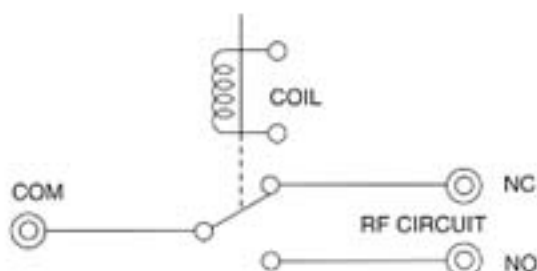
Voltage Range
9Vdc - 15Vdc
19Vdc - 26Vdc

Resistance Ohms 10%
150 $\pm 10\%$ 20°C
600 $\pm 10\%$ 20°C

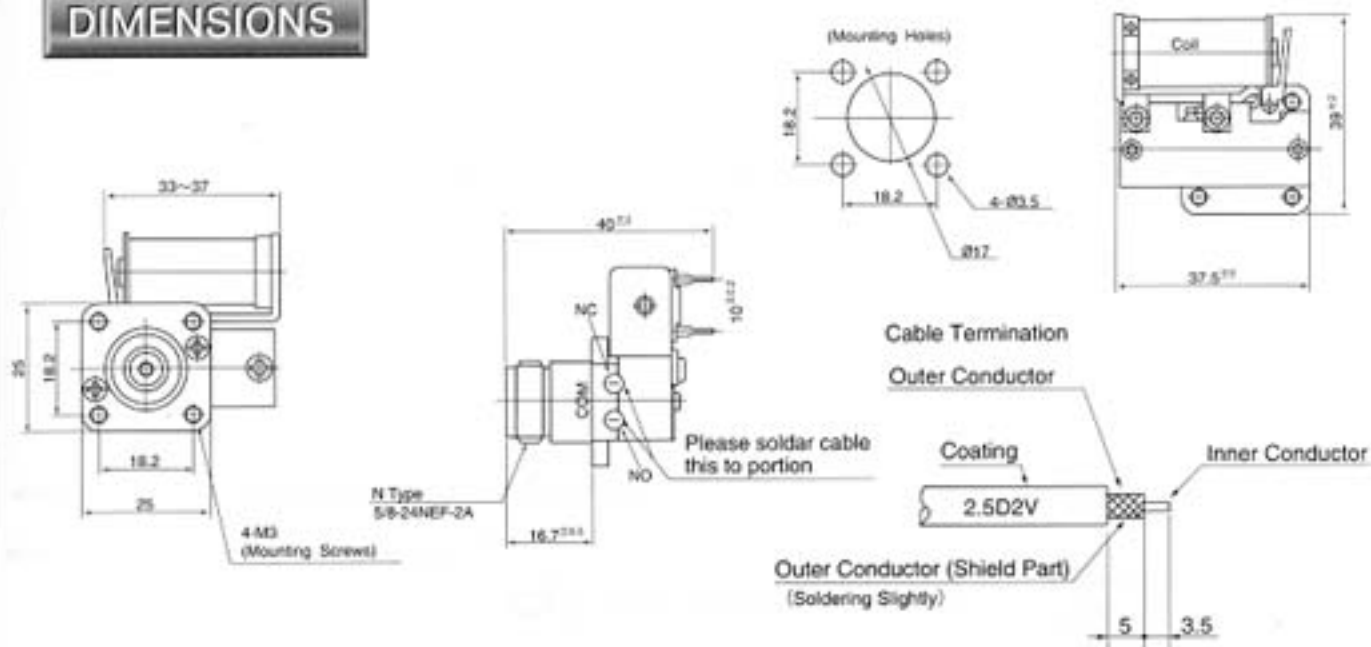
Typical Operating Curves



Schematic



DIMENSIONS



SCALE m/m