

High Reliability Reed Relay - NMR Series

Product Feature

- High reliability reed relay
- Magnetic Case-reduces interaction
- Insulation resistance greater than $10^{10} \Omega$
- High speed switching compared to electromechanical relay
- Hermetically sealed contacts for long life
- Copper shield available



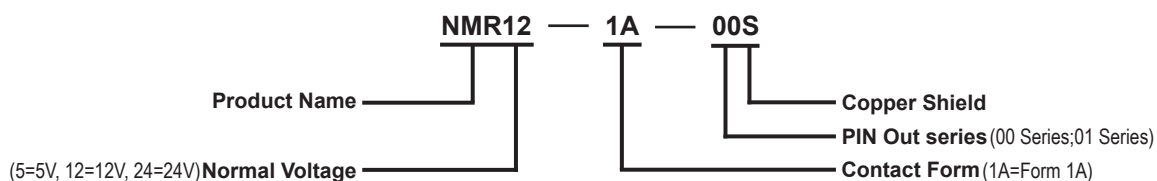
Specifications

■ Coil Specifications	Units	Conditions	Form 1A		
Nominal Coil Voltage	VDC		5	12	24
Max Operating Voltage	VDC		7.0	16	29
Max Pull-in Voltage	VDC	@20°C	1.0	9.0	18
Min Drop-out Voltage	VDC	@20°C	0.5	1.0	2.0
Coil Resistance	ohms	±10% @20°C	70	450	1200

■ Contact Ratings			
Max Contact Rating	W	Any DC combination of V&A not to exceed their individual max.'s	10
Max Switch Voltage	V	DC or AC peak	200
Max Switch Current	A	DC or AC peak	0.5
Max Carry Current	A	DC or AC peak	1.00
Max Breakdown Voltage	kV	DC or AC peak	250
Contact Resistance	mohm	Maximum	150

■ Relay Specifications			
Breakdown Voltage	V	DC or AC peak	250
Isolation Contact to Coil	V	DC or AC peak	1500
Insulation Resistance Contact to Coil	ohms	Minimum, RH<45%, 200VDC test voltage	10^{10}
Operate Time, incl. Bounce	ms		0.7
Reset Time	ms		0.7
Cpaccitance Across Contact	pF		0.8
Storge Temprature	°C		-35 to +105
Operating Temperature	°C		-20 to +70
Soldering Temperature	°C		5 sec. max 260

Order Information

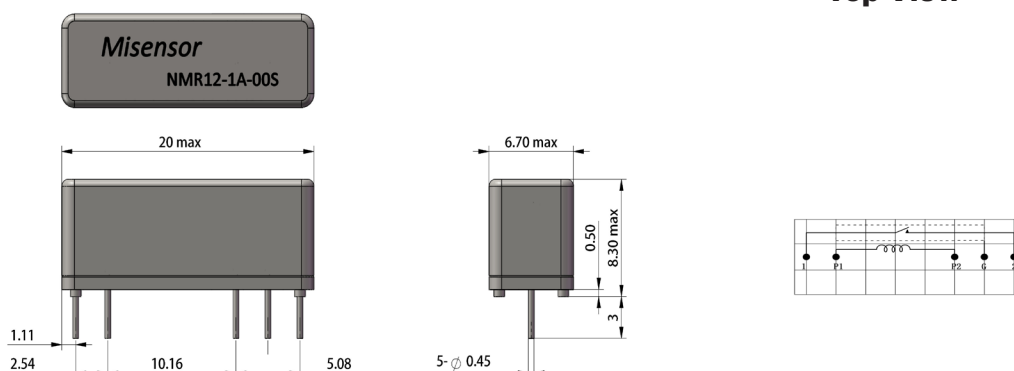


Mechanical Dimensions

All Dimensions in mm

Top View

00 Series



Mechanical Dimensions

