

SPECIFICATION

ITEM	MINIATURE RELAY (Lead Free Application)	MODEL NO.	IRE-2C
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● COIL VOLTAGE : DC 5 ~ 24V

● APPROVAL
UL (E195815)

● CONTACT

Arrangement		2 Form C
Rating (Resistive-load) Nominal switching capacity		UL-2A 30VDC,1A 120VAC
Max. switching current		2A
Max. switching voltage		120VAC,30VDC
Max. switching power		240VA,60W
Contact resistance		50mO Max
Life - expectance	mechanical	1_10 ⁷ ops. Min
	electrical	1_10 ops. Min
Contact material		AgNi10

● CHARACTERISTICS

Operate time		6.0 msec Max
Release time		4.0 msec Max
Insulation resistance		1000 MO (DC500V)
Dielectric strength Between open contacts Between contacts and coil		750VAC 50/60 HZ 1MIN(0.15W) 1000VAC 50/60 HZ 1Minute 1500VAC 50/60 HZ 1Minute
Operating frequency		30ops / Minute
Coil temperature rise		25 deg Max
Ambient temperature		-30 ~ +70℃
Shock resistance	Functional	10G Min
	Endurance	100G Min
Vibration resistance	Functional	10 to 55HZ Double Amplitude 1.5mm
	Endurance	10 to 55HZ Double Amplitude 1.5mm
Weight		Abt 5.0g

● COIL DATA

Nominal voltage VDC	Pick-up voltage VDC(Max)	Drop-out voltage VDC(Min)	Nominal current mA(_10%)	Coil resistance O(_10%)	Power consumption (mW)	Max.allowable voltage (VDC)
5	3.75	0.5	40	125	200	130%
6	4.5	0.6	33.3	180		
9	6.8	0.9	22.2	405		
12	9.0	1.2	16.7	720		
24	18.0	2.4	8.3	2880		

Nominal voltage VDC	Pick-up voltage VDC(Max)	Drop-out voltage VDC(Min)	Nominal current mA(_10%)	Coil resistance O(_10%)	Power consumption (mW)	Max.allowable voltage (VDC)
5	4.0	0.5	29.9	167	150	130%
6	4.8	0.6	25	240		
9	7.2	0.9	16.7	540		
12	9.6	1.2	12.5	960		

● ORDERING INFORMATION

IRE	2C	D12	S	□
MODEL NAME	Contact Form	Coil Voltage	S:Sealed Type	Coil Power
	2C : DPDT	5-24VDC		Nil : 0.2W S : 0.15W