

SPECIFICATION

ITEM	MINIATURE RELAY (Lead Free Application)	MODEL NO.	IRW
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● COIL VOLTAGE : DC 12-110V, AC110-220V

● APPROVAL

UL (E197406) / TUV (R9859574)

● CONTACT

Arrangement		1 Form C	2 Form C
Rating (R-load) Nominal switching capacity		15A 240VAC 28VDC	10A 240VAC 28VDC
Max. switching current		15A	10A
Max. switching voltage		250VAC , 30VDC	
Max. switching power		3600VA, 420W	2400VA, 280W
Contact resistance		100mΩ Max	
Life - expectance	mechanical	2×10^7 ops. Min	
	electrical	1×10^5 ops. Min	
Contact material		AgSnO ₂	

● CHARACTERISTICS

Operate time		25.0 msec Max
Release time		25.0 msec Max
Insulation resistance		100 MΩ (DC500V)
Dielectric strength Between open contacts Between contacts and coil		1000VAC 50/60 HZ 1Minute 1500VAC 50/60 HZ 1Minute
Operating frequency		20ops / Minute
Surge Voltage		
Coil temperature rise		50 deg Max
Ambient temperature		-40 ~ + 55℃
Shock resistance	Functional	10G Min
	Endurance	100G Min
Vibration resistance	Functional	10 to 55HZ Double Amplitude 0.5mm
	Endurance	10 to 55HZ Double Amplitude 1.0mm
Weight		Abt 37.0g

● COIL DATA

◆ DC Type

Nominal voltage VDC	Pick-up voltage VDC(Max)	Drop-out voltage VDC(Min)	Nominal current mA(±10%)	Coil resistance Ω (±10%)	Power consumption (mW)	Max.allowable voltage (VDC)
12	9.6	1.2	75	160	900	110%
24	19.2	2.4	36.9	650		
110	80	11	10	11000		

◆ AC Type

110/120	88/96	16.5/18	9.5	4550	0.9~1.1VA	110%
220/240	176/192	33/36	5.9	14,400		

● ORDERING INFORMATION

IRW	2C	D12	P	L
MODEL NAME	Contact Form	Coil Vtg	Termial Type	LED
	1C:SPDT 16A240VAC30VDE 2C:DPDT 10A240VAC30VDE	A:AC110-240V D:DC12-110V	P:PCB Type S:Socket Type	L:With LED Nil:Without LED