

POWER RELAY

MODEL : DYSF-D12V-P1

FEATURES

- Switching capacity : 16A
- power consumption : 400 mW
- RoHS
- UL/C-UL, VDE, TUV, CQC



SPECIFICATIONS

CONTACT DATA

PARAMETER		VALUE	
Contact Arrangement		1 Form A	
Contact Material		Ag Alloy	
Contact Rating		Resistive Load ($\cos\Phi=1$) 16A 250VAC	Inductive Load ($\cos\Phi=0.4$) 9.5A 250VAC
		Resistive : 16A 250VAC	
Contact switching power		4000VA	
Min.switching Current		100mA 5VDC	
Contact switching Voltage		250VAC	
Contact switching Current		16A	
Contact resistance (Initial)		Max.100m Ω at 5VDC 1A	
Life Expectancy	Electrical	100,000 operations under rated load (900 ops/hour)	
	Mechanical	2,000,000 operations under no load (18,000 ops/hour)	

CHARACTERISTICS

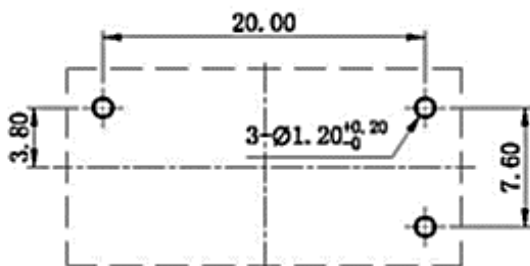
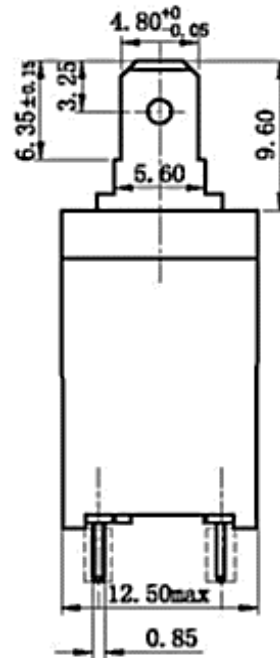
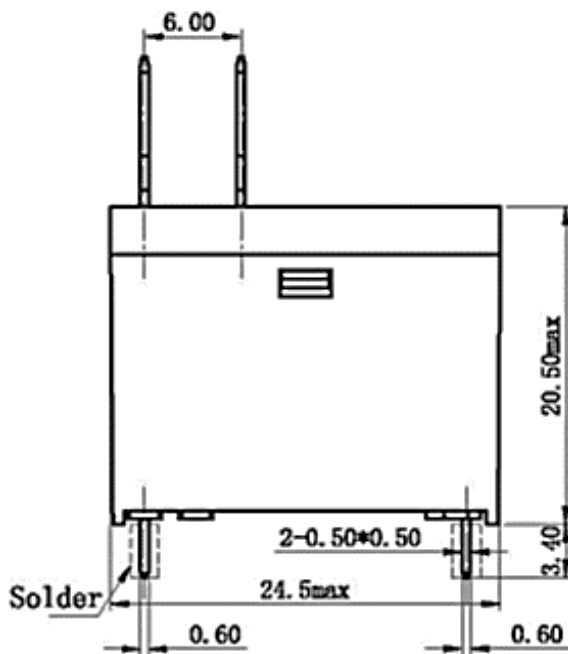
PARAMETER		VALUE
Insulation resistance		Min.1,000M Ω at 500VDC
Dielectric Strength (Leak current 1mA)	Contacts between	1,000VAC,1 min,50/60Hz
	Line, contacts between	5,000VAC,1 min,50/60Hz
Operating time		Max. 6.5 \pm 0.5ms
Release time		Max. 5ms
Temperature range		-40 to +95 $^{\circ}$ C
Storage temperature		-40 to +95 $^{\circ}$ C
Temperature Rise coil		60k Max.by resistance method when 16A current is provide to contact and 110%of rated voltage to relay coil.

MINIATURE RELAY

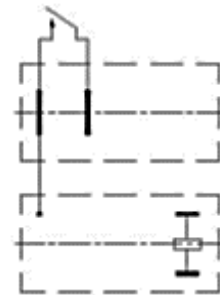
COIL DATA

PARAMETER	VALUE
Nominal Voltage	12VDC
Coil Resistance	360Ω±10% at 23℃
Nominal Current	33.3 mA±10% at 23℃
Operating Voltage	9.0VDC Max
Release Voltage	1.2VDC Min at 23℃
Maximum Coil Voltage	15.6VDC (130%of Nominal Voltage)
Nominal Operating Power	400mW

DIMENSIONS



P.C.B Mounting Detail



线路图/CONNECTIONS