

FEATURES

- Insulation step: F
- Coil encapsulated technique
- The inimitable gap bit fixation equipment

CONTACT DATA

Contact form	1A,1B,1C,2A,2B,2C, 3A ,3B,3C
Contact resistance (Initial)	Max: 100mΩ (at 1A,6VDC)
Contact load (Resistance)	5Amp 1/8HP 120VAC 5Amp 1/4HP 277VAC 2Amp 600VAC,5Amp 28VDC 13Amp 1/3HP 120VAC 13Amp 1/2HP 277VAC 13A 250VAC 10Amp 28VDC 1HP 277VAC-3phase 3Amp 3/4HP 600VAC 12 FLA,35LRA 15VAC
Max.switching voltage	277VAC
Max.switching current	13A
Max.switching capacity	3600VA 280W
Contact Material	Silver Alloy Silver Alloy Gold plated

CHARACTERISTICS

Initial insulation resistance	Min. 100MΩ (at 500VDC)
Dielectric Strength	
- Between coil to contacts	2200Vrms (50HZ)
- Between open contacts	800Vrms (50HZ)
Operate time(at nomi.Vot)	15ms.
Release time(at nomi.Vot)	15ms.
Temperature rise(nomi vot)	AC type 60°C,DC type 45°C ,
Ambient temperature	AC Type: -25°C to 55°C DC Type: -25°C to 70°C
Shock resistance	
- Functional	98m/s ² (10G)
- Destructive	980 m/s ² (100G)
Ambient humidity	35% to 85% RH
Termination	4.75 x0.5QC terminal 6.35 x0.8QC terminal / PCB
Life expectancy	
- Electrical	1 x 10 ⁵ operations
- Mechanical	1 x 10 ⁷ operations

COIL SPECIFICATION

1. AC Coils(A)

Nominal voltage(VAC)	Coil resistance (Ω±10%)	Power consumption	Power consumption
6 VAC	5	2.0VA	One pole AC Coil 2.0VA
12 VAC	20	2.0 VA	
24 VAC	80	2.0 VA	
48 VAC	315	2.0 VA	
120 VAC	2025	2.0 VA	
240 VAC	8000	2.0 VA	

AC Coils(B)

Nominal voltage(VAC)	Coil resistance ($\Omega \pm 10\%$)	Power consumption	Power consumption
6 VAC	4.5	2.2 VA	Two pole Three pole AC Coil 2.2VA
12 VAC	18	2.2 VA	
24 VAC	72	2.2 VA	
48 VAC	285	2.2 VA	
120 VAC	1850	2.2 VA	
240 VAC	7200	2.2 VA	

2.DC Coils

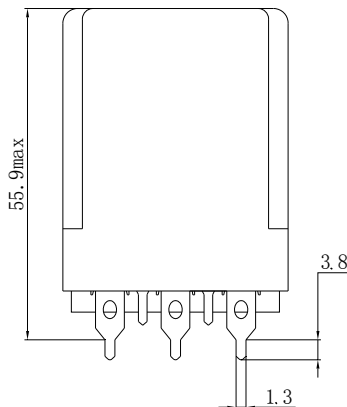
Nominal voltage(VDC)	Coil resistance ($\Omega \pm 10\%$)	Power consumption
6VDC	30	1.2W
12VDC	120	1.2W
24VDC	480	1.2W
48VDC	1850	1.2W
110VDC	10000	1.2W

ORDERING INFORMATION

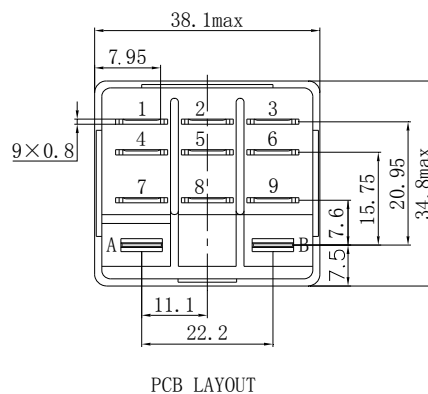
ME-813FA - P - 2 - A 012 - 3Z T

Model No.	PC or Connect	Installation	Coil Source	Coil Voltage	Contact Form	Contact Material
ME-813FA	Nil: 4.75 x0.5 Connect S: 6.35 x0.8Connect P: PC terminal	1:No installation 2:Flank Install 3:Top Install S: Bolt Install SL:No Cover Install	A:AC Nil:DC	6VAC-240VAC 6VDC-110VDC	1H:1A,1D:1B 1Z:1C, 2H:2A 2D:2B, 2Z:2C 3H:3A, 3D:3B 3Z:3C	Nil: Silver Alloy T: Silver Alloy Gold plated

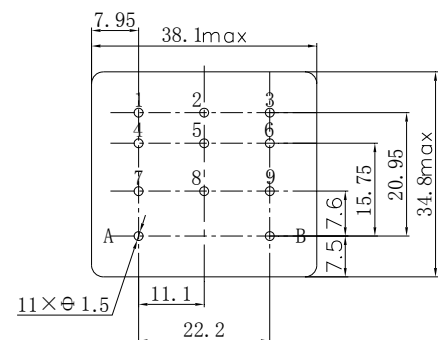
DIMENSIONS (unit: mm)

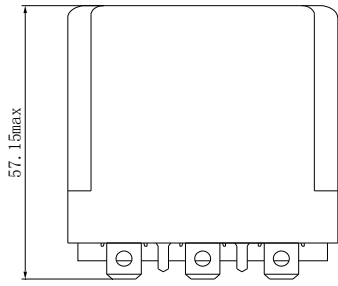


PCB install fashion

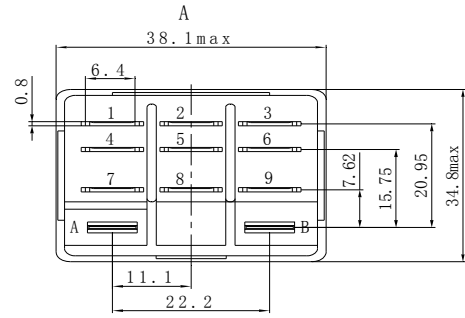


PCB LAYOUT

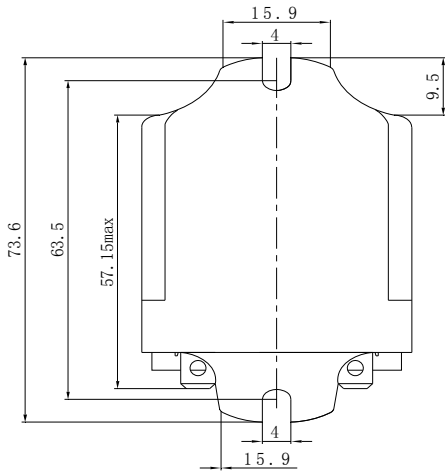




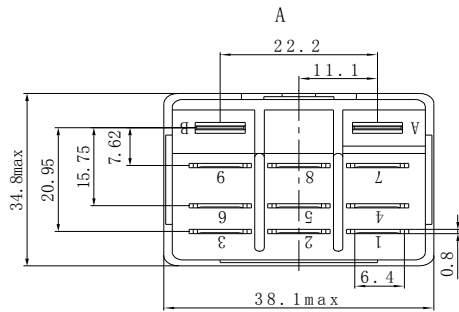
First install fashion



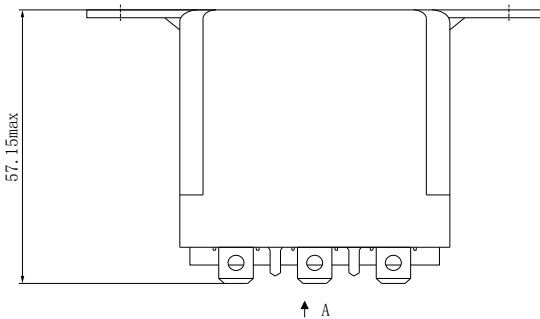
PCB LAYOUT



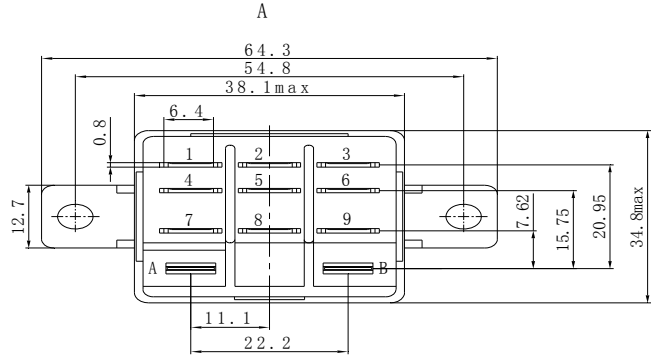
Second install fashion



PCB LAYOUT



Third install fashion



PCB LAYOUT

