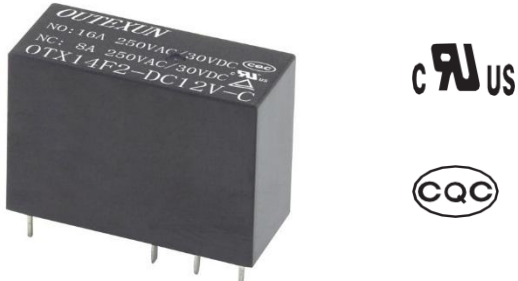


OTX14F2	MINIATMRE HIGH POWER RELAY
	Features 16A switching capability 5kV dielectric strength (between coil and contacts) 1 Form A and 1 Form C configurations Plastic Dust-proof type and flux-proof type are available Outline Dimensions: (29.5 x 13 x 20.6)mm

CONTACT DATA

Contact arrangement	1A 1C
Contact resistance ⁽¹⁾	≤100mΩ
Contact material	AgCdO;AgSnO2
Contact rating	16A/250VAC
	16A /30VDC
Max. switching current	16A
Max. switching power	4000VA/480W
Max. switching voltage	250VAC/30VDC
Mechanical endurance	1x10 ^{7ops}
Electrical endurance	1x 10 ^{5 ops}

CHARACTERISTICS

Insulation resistance	100mΩ(500VDC)	
Dielectric strength	Between coil & contacts	4000VAC 1min
	Between open contacts	1000VAC 1min
Operate time (at rated. volt.)	≤20ms	
Release time (at rated. volt.)	≤10ms	
Shock resistance	Functional	98m/s ²
	Destructive	980m/s ²
Humidity	5%~85%	
Ambient temperature	-40℃~70℃	
Unit Weight	14g	

Notes :1.The data shown above are initial values 2. Please find coil temperature curve in the characteristic curves below. ;

3.UL insulation system: Class A

COIL	at 20℃			
Coil Power	0.54W/0.72W			
COIL DATA				
0.54w				
Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max. Voltage VDC	Coil Resistance ±10%
3	≤2.4	≥0.3	3.9	17
6	≤4.8	≥0.6	7.8	67
12	≤9.6	≥1.2	15.6	266
24	≤19.2	≥2.4	31.2	1066
48	≤38.2	≥4.8	62.4	4267

Notes: (1) When requiring pick-up voltage < 75% of nominal voltage, special order allowed.

(2) The data shown above are initial values.

(3) Maximum voltage refers to the maximum voltage which relay coil could endure in a short period of time.

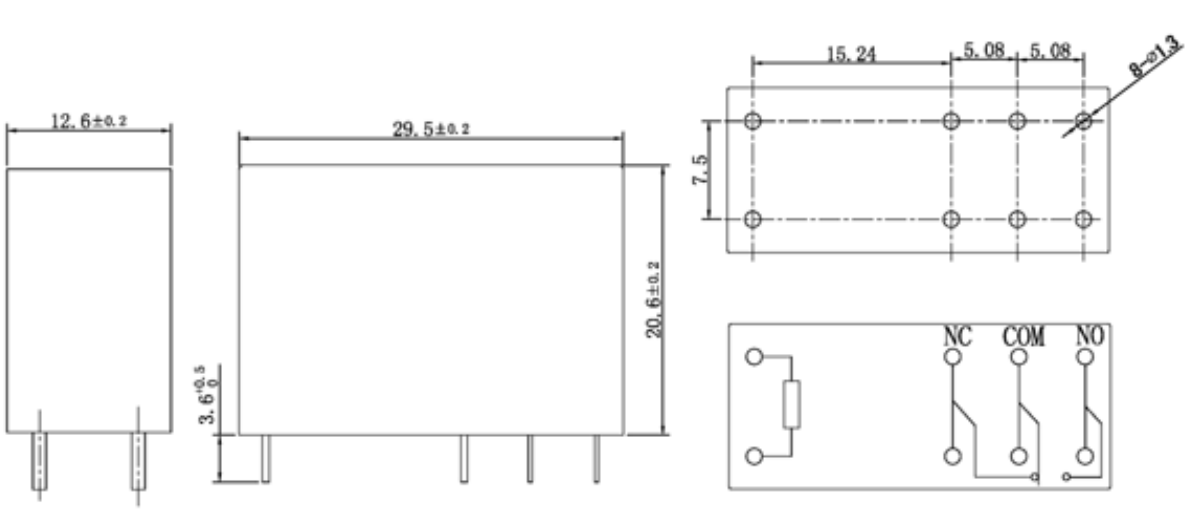
(4) At normal temperature, the relay coil applies voltage above 80% of the rated value, and the relay will operate.

However, in order to achieve the specified product performance, please apply the rated voltage to the coil when using.

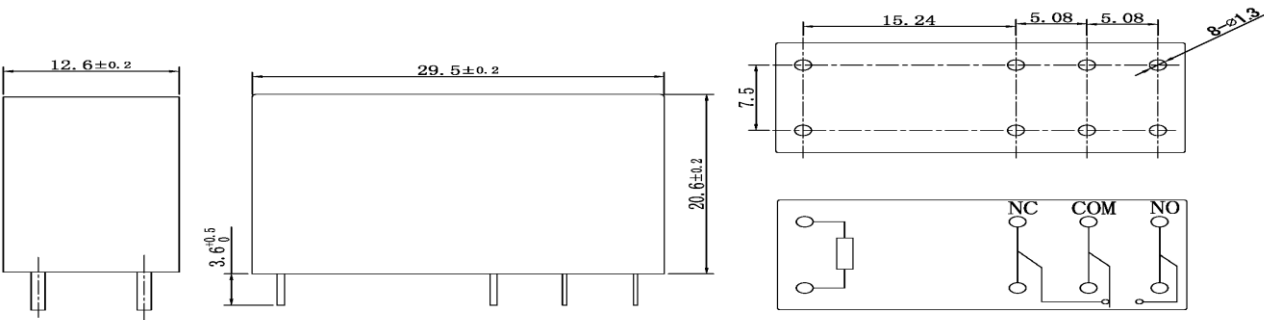
ORDERING INFORMATION

	OTX14F2	-DC	-3V	-1A	-L	-S	-
Type							
Coil power supply	DC: direct current						
Coil voltage	3V,6V,12V,24V,48V						
Contact arrangement	1A:1FormA 1C:1FormC						
Coil Power	L:0.53w						
Construction	S: Plastic sealed Nil: Flux proofed						
Installation Method	Nil : PCB welding						

Notes: (1) We recommend flux proofed types for a clean environment (free from contaminations like H2S, SO2, NO2, dust, etc.). We suggest to choose plastic sealed types and validate it in real application for an unclean environment (with contaminations like H2S, SO2, NO2, dust, etc).



OMTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOMT unit : mm



Notes: (1)In case of no tolerance shown in outline dimension: outline dimension ≤1mm, tolerance should be ±0.2mm; outline dimension >1mm and ≤5mm, tolerance should be ±0.3mm; outline dimension >5mm, tolerance should be ±0.4mm.

- (1)The tolerance without indicating for PCB layout and pin size is always ±0.1mm.
- (3)This product specification is for reference only, subject to change without prior notice

This specification is for reference only, the actual use is subject to the sample, all relays meet ROSH requirements, if there is any change will not be notified. web:www.qingmu.hk