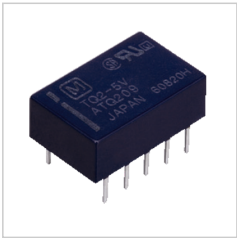




ATQ204 | TQ Relays



※Photo may vary from actual product.



Product Number	TQ2-24V
Part Number	ATQ204
Details	Single side stable type, Standard PC board terminal, 24V DC
Product name	TQ Relays
Features	5 mm Low profile, 2 Form C and 2 A (surface-mount type) relays

Spec Detail

As of July 02, 2021

Specifications and design of the products are subject to change without notice for the product improvement.

Item	Specifications
Product Number	TQ2-24V
Part Number	ATQ204
Protective construction	Sealed Type
Terminal shape	Standard PC board terminal
Contact type	Standard type
Contact mechanism	B.B.M
Contact arrangement	2 Form C
Contact material	Ag+Au clad
Operating function	Single side stable type
Nominal operating power	200mW
Nominal coil voltage	24V DC
Pick-up voltage (at20°C 68°F)	75%V or less of nominal voltage (Initial)
Drop-out voltage (at20°C 68°F)	10%V or more of nominal voltage (Initial)
Nominal switching capacity (resistive load)	1 A 30 V DC, 0.5 A 125 V AC
Max.switching current	1 A
Min. switching capacity	10μA 10mV DC
Breakdown voltage (Initial) : Between open contacts	750 Vrms for 1min. (Detection current: 10mA.)
Breakdown voltage (Initial) : Between contact and coil	1,000 Vrms for 1min. (Detection current: 10mA.)
Breakdown voltage (Initial) : Between contact sets	1,000 Vrms for 1min. (Detection current: 10mA.)
Surge breakdown voltage (Initial) : Between open contacts	1,500 V (10 x 160μs) (FCC Part 68)

Expected life : Mechanical	Min. 10^8 (at 180 cpm)
Expected life : Electrical	Min. 2×10^5 (1 A 30 V DC resistive) (at 20 cpm) Min. 10^5 (0.5 A 125 V AC resistive) (at 20 cpm)
Conditions	Ambient temperature: -40 to $+70^{\circ}\text{C}$ -40 to $+158^{\circ}\text{F}$ Humidity: 5 to 85% R.H. (Not freezing and condensing at low temperature)
Height (mm)	5
Unit weight	Approx. 1.5 g .053 oz
Packing style	Tube packing
Standard packing: Inner packing (pcs.)	50
Standard packing: Case (pcs.)	1000

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