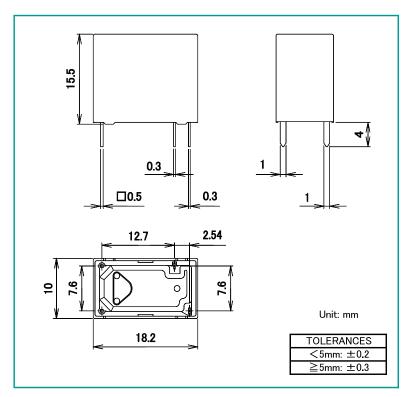
DQ series

■ Ratings • Performance

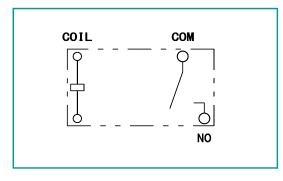
Specifications	Item		Performance
Contact specification	Contact configuration		1a
	Contact resistance		50 m Ω max. (at DC6V 1A)
	Contact material		Ag alloy
Ratings	Rated load (resistive load)		AC250V 5A
	Max. switching capacity (resistive load)		1250VA
	Max. switching voltage		AC250V
	Max. switching current		5A
Electrical capability	Insulation resistance		100M Ω min. (at DC500V)
	Dielectric	Between coil and contact	AC4000V 1 min
	strength	Between open contact	AC1000V 1 min
	Impulse withstand voltage (between coil and contact)		10 000V min. $(1.2 \times 50 \mu\mathrm{s})$
	Operate time (at rated voltage on, at 20°C)		15ms max. (excluding contact bounce time)
	Release time (at rated voltage off, at 20°C)		10ms max. (excluding contact bounce time)
Mechanical capability	Vibration	Malfunction	10 to 55 to 10Hz (double amplitude 1.5mm)
	resistance	Destruction	10 to 55 to 10Hz (double amplitude 1.5mm)
	Shock resistance	Malfunction	100m/s ²
		Destruction	1000m/s ²
Life	Mechanical endurance (at 180 times/min)		1 000 000 times min.
	Electrical endurance (resistive load)		100 000 times min. (at rated load)
	(at 20 times/min)		
Conditions for	Ambient temperature		-40°C to +70°C (no freezing and condensing at low temperature)
operation	Ambient humidity		5% to 85%RH
Mass			approx. 5g

Notes: The above is the initial value.

Dimensions



Schematics



■ PCB mounting holes (tolerances±0.1)

