

• Products	Ultra-Miniature PC Board Type Power Relay JS-RELAY	Compact PC Board Power Relay JW-RELAY	Automotive Ultra-Miniature Power Relay JSM-RELAY	Half-size Automotive Relay JJM-RELAY	High Power Automotive CB-RELAY	
• Type of relay mm inch						
• Features	<ul style="list-style-type: none"> Ultra-miniature size with universal terminal footprint High switching capacity 10A 	<ul style="list-style-type: none"> High dielectric withstanding for transient protection Class B coil insulation types available 	<ul style="list-style-type: none"> Designed for automotive applications Low pick-up voltage for high ambient use 	<ul style="list-style-type: none"> Compact (half-size) Perfect for automobile electrical systems 	<ul style="list-style-type: none"> 40 A rating at 85°C 185°F ISO type terminals High shock resistance for drop test requirements Low temperature rise 	
• Sealed types availability	●	●	●	●	●	
• Latching types availability						
• Contact material (Optional material)	Silver alloy	Silver alloy	Silver alloy	Silver alloy	Silver alloy	
• Contact rating chart Maximum (cos φ = 1)						
• Minimum	1 mA 100 μA 10 μA					
• Max. switching voltage	24V DC, 125V AC	30V DC, 250V AC	16V DC	16V DC	75V DC	
• Contact arrangement	1a, 1c	Standard: 1a, 1c, 2a, 2c High capacity: 1a, 1c	1a, 1c	1a, 1c	1a, 1c	
• Life (Min. operation)	Electrical	10 ⁵	10 ⁵	Standard: 10 ⁵ High capacity: 10 ⁵ (N.O.)	2 × 10 ⁵	10 ⁵
	Mechanical	10 ⁷	5 × 10 ⁶	10 ⁷	10 ⁶	10 ⁶
• Break-down voltage	Between open contacts	750Vrms	1,000Vrms	750Vrms	500Vrms	500Vrms
	Between contact sets	—	—	—	500Vrms	—
	Between contacts and coil	1,500Vrms	5,000Vrms	1,500Vrms	—	500Vrms
	Between live parts and ground	—	—	—	—	—
• Surge withstand voltage	—	10,000V surge	—	—	—	
• Coil voltage	(DC) 5, 6, 9, 12, 18, 24, 48V	(DC) 5, 6, 9, 12, 24, 48V	(DC) 9, 12V	(DC) 12V	(DC) 12, 24V	
• Nominal operating power	360mW	530 mW	640mW	(1a) 640mW (1c) 640mW	1.4W	
• Terminal layout (Bottom View) • coil terminal (.100 inch grid)						
mm inch						
• Standards	UL (E43028), VDE, TÜV, CSA (LR26550), TV rating	UL (E43028), TÜV, VDE, CSA (LR26550) TV rating	—	—	—	
• Mounting method						

Note: Meaning of symbol marks : PC board terminal; : Plug-in; : Top-mounting; : Top-mounting with PC board terminals; : Surface-mounting