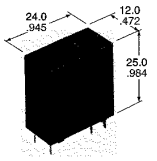
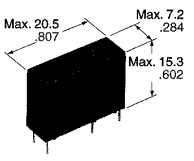
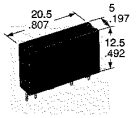
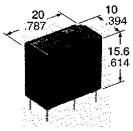
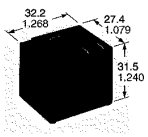
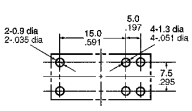
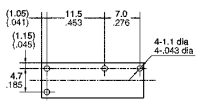
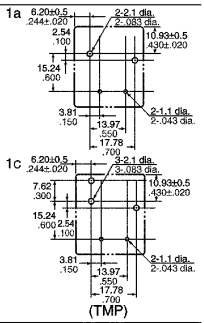
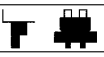
• Products	High Insulation Resistance	1 Form A Slim Power	Slim Power	High Electrical & Mechanical Noise Immunity Relay	30 A, DC Coil PC Board Relay
	LA-RELAY	**LD-RELAY**	**PA-RELAY**	**JQ-RELAY**	**JT-N•JT-RELAY**
• Type of relay mm inch					
• Features	• 3A type + 5A TV-3 type • High insulation resistance	• Small load switching of home appliances • Low operating power 200mW • High shock resistance	• Slim size permits higher density mounting • Wide switching capacity • High surge voltage: 4,000V • High breakdown voltage: 2,000V	• High electrical noise immunity • High switching capacity • High surge voltage: 8,000V	• High switching capacity • Open, Dust cover, Sealed types available
• Sealed types availability			●	●	●
• Latching types availability					
• Contact material (Optional material)	3A - Gold-clad silver alloy SATU-3 Silver alloy	Silver alloy	Gold-clad silver	Silver alloy	Silver alloy
• Contact rating chart Maximum (cos φ = 1)	40 A 35 A 30 A 25 A 20 A 10 A 5 A 3A 125V AC 5A 277V AC	3A 125V AC, 3A 30V DC	3A 250V AC, 3A 30V DC	5A 125V AC 10A 125V AC Standard High capacity	30A 30V DC 20A 30V DC 10A 30V DC 1a 1c N.O. 1c N.C.
Minimum	1 mA 100 μA 10 μA				
• Max. switching voltage	3A - 125V AC 5A - 277V AC	277V AC, 30V DC	110V DC, 250V AC	110V DC, 250V AC	30V DC, 277V AC
• Contact arrangement	2a	1a	1a	1a, 1c	1a, 1c
• Life (Min. operation) Electrical	5×10^4	2×10^5	10^5	5×10^4	10^5
• Life (Min. operation) Mechanical	10^6	5×10^5	2×10^7	10^7	10^7
• Breakdown voltage: Between open contacts	750Vrms	750Vrms	1,000Vrms	1a: 1,000Vrms 1c: 750Vrms	1,500Vrms
• Breakdown voltage: Between contact sets	1,000Vrms	—	—	—	—
• Breakdown voltage: Between contacts and coil	4,000Vrms	4,000Vrms	2,000Vrms	4,000Vrms	1,500Vrms
• Breakdown voltage: Between live parts and ground	—	—	—	—	—
• Surge withstand voltage	10,000V FCC	10,000V (initial)	4,000V surge	8,000V surge	—
• Coil voltage	(DC) 12, 24V	4.5, 5, 6, 9, 12, 18, 24	(DC) 5, 6, 9, 12, 18, 24V	(DC) 3, 5, 6, 9, 12, 18, 24, 48V	(DC) 5, 6, 9, 12, 15, 18V
• Nominal operating power	530mW	200mW	120mW (5 to 18V) 180mW (24V)	1a: 200mW 1c: 400mW	890m W
• Terminal layout (Bottom View) ●: coil terminal (.100 inch grid) mm inch	PC board pattern (Bottom view)  Tolerance : ±0.1 ±.004	PC board pattern (Bottom view)  Tolerance : ±0.1 ±.004			
• Standards	UL (E43149), CSA (LR26550)	UL (E43028), CSA (LR26550)	UL (E43149), CSA (LR26550)	UL (E43028), CSA (LR26550)	UL (E57520), CSA (LR68004)
• Mounting method					

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