

CLASSIFICATION		AUTOMOTIVE RELAYS		
MODEL	SCA-20	LD70 LD40	LA	
FEATURES				
STYLE	PC	Solder	PC	
DIMENSION L*W*H in mm	15.5x12x13.9	28x28x25	23x18.5x17	
WEIGHT	Approx. 9 gm	LD 70 Approx. 50gm LD 40 Approx. 40gm	Approx. 16 gm	
CONTACT				
CONFIGURATION	1A/1C	1A/1C/2A	1A/1C	
CONTACT RATING	20A @ 14VDC (NO.) 10A @ 14VDC (NC.)	LD 70 SPST70A @ 14VDC SPDT 60A @ 14VDC LD 40 1A-40A @ 12VDC 1C-30A @ 12VDC	SPDT 201 @ 14VDC SPST 30A @ 14VDC	
CONTACT MATERIAL	AgCdO	AgSnO2	AgSnO2	
COIL				
NOMINAL VOLTAGE	12VDC/24VDC	12VDC/24VDC	12VDC/24VDC	
COI POWER CONSUMPTION	0.8W	2W	1.6W	
GENERAL DATA				
OP. TIME	10 msec max	10 msec max	10 msec max	
RELEASE TIME	05 msec max	10 msec max	10 msec max	
LIFE (operations)	Mechanical	1x10 ⁷	1x10 ⁷	
	Electrical	1x10 ⁵	5x10 ⁴ 1x10 ⁵	
DIELECTRIC STRENGTH	between open contacts	1000Vrms	500Vrms	
	coil to contact	1000Vrms	750Vrms	
INSULATION RESISTANCE AT 500 VDC TO 25°C RH 50	100 M Ω	100 M Ω	100 M Ω	
TEMPERATURE RANGE	-40°C - 85°C	-40°C - +85°C	-40°C - 85°C	
APPLICATION	Flasher, Power windows, car control switching box, Air conditioning & Automotive applications			
LAYOUT (BOTTOM VIEW)				
FEATURES/ OPTIONS	Latest version, small size, high capacity	High power, plugin Commonly used economical	European / American Pitch available	