

**leOne**®

SCA-20E

Relays

Automotive  
10A PCB Relay

Ver 1.1 (November 2020): Glomore

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Prepared By	Approved By	Customer Approval
		Signature with Company Seal

\*Kindly return this datasheet to us with your signature and company seal within one month, or we will consider the document to be accepted by you.



Relay Type:- SCA-20E - 12VDC - C

Coil Voltage (VDC):- 12, 24

Contact Form:- A:- Form A / C:- Form C

Model		SCA20E			
Features	Dimension L * W * H (mm)	15.7 * 12.2 * 13.7			
	Terminal Type	PCB			
	Weight	6 gm Approximately			
Contact Data	Contact Form	1A/1C			
	Contact Material	Ag Alloy			
	Contact Capacity	10A @14VDC			
	Contact Resistance	100 m Ω (at 1A 6VDC)			
Coil Data	Coil Voltage	9 VDC ~ 12 VDC			
	Coil Power Consumption	0.6W			
	Coil Specification	Coil Voltage	Coil Resistance (Ω) ±10%	Pull in Voltage (VDC)	Drop Out Voltage (VDC)
		9 VDC	135	80 %	10 %
12 VDC	240	80 %	10 %		
General Data	Dielectric Strength	500 VAC @ 50 Hz / Min (Between open Contacts)			
		1000 VAC @ 50 Hz / Min ( Between Coil & Contacts)			
	Insulation Resistance	100 MΩ			
	Electrical Life	1 x 10 <sup>5</sup>			
	Mechanical Life	1 x 10 <sup>7</sup>			
Operating Temperature	- 40°C ~ + 85°C				
Dimension					
Application	Flasher, Power Windows, Car Control Switching Box, Automotive Application etc.				