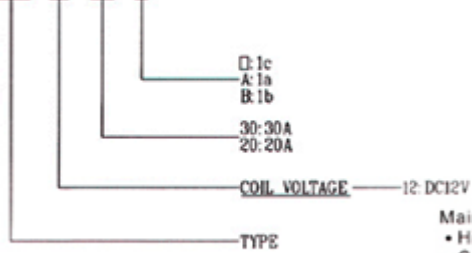


# SCF SERIES

## ORDER CODE

SCF-12-30-A



- Main Features:
- High temperature venison.
  - Contact rating 20A/30A/12VDC.
  - Contact arrangement 1 form A to 1 form C.
  - Application for Automotive air condition, fog lamp control.

## COIL RATING (at 20°C)

Nominal Voltage (VDC)	COIL Resistance ( $\Omega$ )(+/-10%)	Power Consumpt -10N(W)	Nominal Current (mA) (+/-10%)	Pull In Voltage (VDC)	Drop Out Voltage (VDC)	Max. Allowable Voltage (VDC)
DC 12V	80 $\Omega$	1.8W	150mA	65% Max.	10% Min.	130%

## PERFORMANCE (at initial value)

Item \ Type	30A (NO Contact)	20A (NC Contact)
Contact Resistance	50m $\Omega$ Max (initial value)	
Operate Time	15m sec Max.	
Release Time	5m sec Max.	
Dielectric Strength between coil & contact between contact	Ac1000V (1min.) Ac500V (1min.)	
Insulation Resistance	50M $\Omega$ Min. (DC500V)	
Operating Ambient Temperature	-30°C ~ +55°C	
Humidity	35 to 85% RH	
Vibration Resistance	10G (10~50Hz) (Dual amplitude: 2mm)	
Shock Resistance	10G	
Life Expectancy Mechanically Electrically	10,000,000 ops . Min. (1800 ops./h) 100,000 ops. Min. (1200 ops./h)	
Weight	41g (about)	



