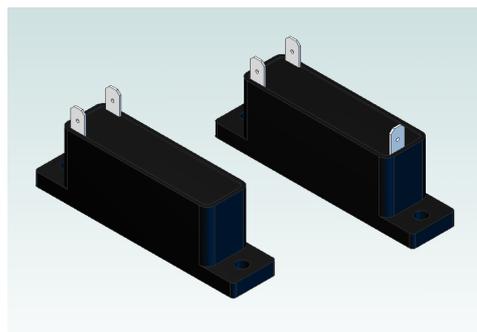


FEATURES

- Compact module design (standard power module fixing)
- High reliability
- Wide range
- Short delivery time
- Low cost
- Ready to use

APPLICATION

- AC thyristor control equipment
- Rectifiers (diode / thyristor circuits)
- Output filter



non-contractual image

STANDARD PRODUCT LIST

PRODUCT REFERENCE ■ not for new design	CONFIGURATION	Resistance value	Maximum power instantaneous dissipation	C value	Typical maximum nominal working voltage V _{RMS}	Varistor nominal voltage	Maximum varistor energy		Dimensions figure	Circuit configuration
							10/1000µs	2ms		
SCRC0,068/150T	Single RC	150	6 W.	0,068µF	700 V (1)	NA			1	a
SCRC0,22/56T		56	10 W.	0,22µF	660 V (1)					
SC2RC0,068/150T	Dual RC	150	6 W.	0,068µF	700 V (2)	NA			2	b
SC2RC0,22/56T		56	10 W.	0,22µF	700 V (2)					
SCRCV0,068/150-130T	Single RC + varistor	150	6 W.	0,068µF	125 V (1)	130 V _{RMS}	79 J	57 J	1	c
SCRCV0,068/150-250T					230 V (1)	250 V _{RMS}	134 J	96 J		
SCRCV0,068/150-460T					400 V (1)	460 V _{RMS}	203 J	145 J		
SCRCV0,068/150-500T					450 V (1)	500 V _{RMS}	268 J	192 J		
SCRCV0,068/150-550T					500 V (1)	550 V _{RMS}	308 J	216 J		
SCRCV0,22/56-130T	Single RC + varistor	56	10 W.	0,22µF	125 V (1)	130 V _{RMS}	79 J	57 J	1	c
SCRCV0,22/56-250T					230 V (1)	250 V _{RMS}	134 J	96 J		
SCRCV0,22/56-460T					400 V (1)	460 V _{RMS}	203 J	145 J		
SCRCV0,22/56-500T					450 V (1)	500 V _{RMS}	268 J	192 J		
SCRCV0,22/56-550T					500 V (1)	550 V _{RMS}	308 J	216 J		
SC2RCV0,068/150-130T	Dual RC + varistor	150	6 W.	0,068µF	125 V (2)	130 V _{RMS}	79 J	57 J	2	d
SC2RCV0,068/150-250T					230 V (2)	250 V _{RMS}	134 J	96 J		
SC2RCV0,068/150-460T					400 V (2)	460 V _{RMS}	203 J	145 J		
SC2RCV0,068/150-500T					450 V (2)	500 V _{RMS}	268 J	192 J		
■ SC2RCV0,22/56-250T	Dual RC + varistor	57	11 W.	1,22µF	230 V (2)	250 V _{RMS}	134 J	96 J	2	d
■ SC2RCV0,22/56-460T					400 V (2)	460 V _{RMS}	203 J	145 J		
SCRC0,1/150T-2kV	Single RC	150	6 W.	0,1µF	750 V (1)	NA			1	a
SCRC0,1/56T-2kV		56	10 W.		1000 V (1)					
SCRC0,1/75T-2kV		75	18 W.		1300 V (1)					
SCRC0,07/150T-3kV	Single RC	150	6W.	0,07µF	850 V (1)	NA			1	a

(1)-Typical voltages suggested for general phase control applications in W1C circuit. ATTENTION, for continuous working near to 90° phase angle the great dissipation can be observed, consult factory for these applications

(2)-Typical voltages suggested for general phase control applications in rectifier circuits.

We manufacture customized values and/or characteristics under request.

ELECTRICAL COMMON SPECIFICATIONS	
Capacitance tolerance	± 10%
Resistance tolerance	± 10%
Continuous maximum power dissipation ($T_{HS}=85^{\circ}\text{C}$)	5 W.

ENVIRONMENT SPECIFICATIONS	
Humidity max.	50% RH @ 35°C / 90% RH @ 20°C
Pollution degree	III
Terminals to base isolation	5000 V _{RMS} / 1 min

MECHANICAL SPECIFICATIONS	
Mounting position	Any
Aprox. Weight	70 grs. (Single RC type)
	76 grs. (Dual RC type)
Operation temperature	-25 to 85 °C

CIRCUIT CONFIGURATION



Fig. a: Single RC type

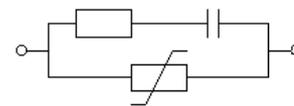


Fig. c: Single RC + varistor type

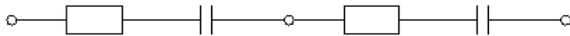


Fig. b: Dual RC type

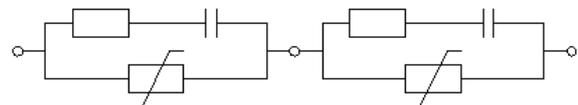


Fig. d: Dual RC + varistor type

DIMENSIONS

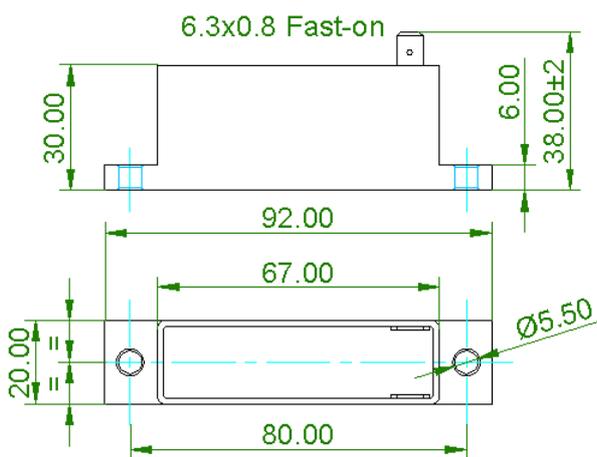


Fig. 1: Single RC module

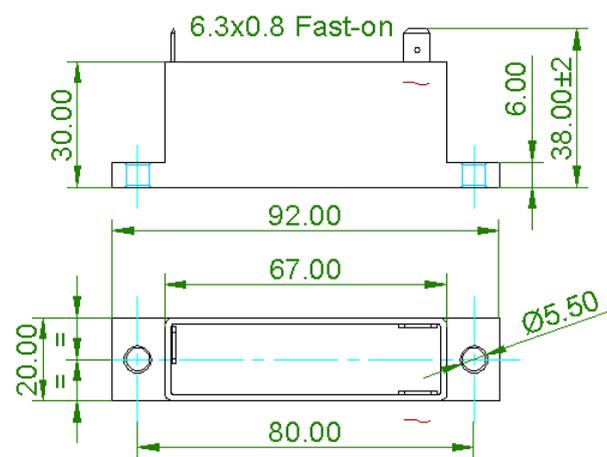


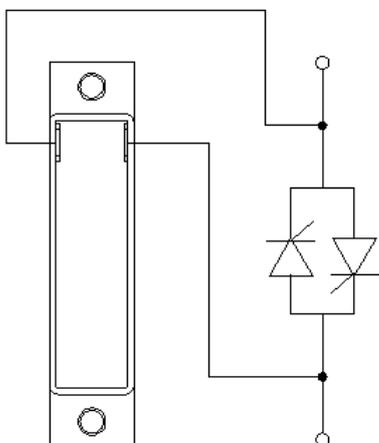
Fig. 2: Dual RC module

All dimensions in mm

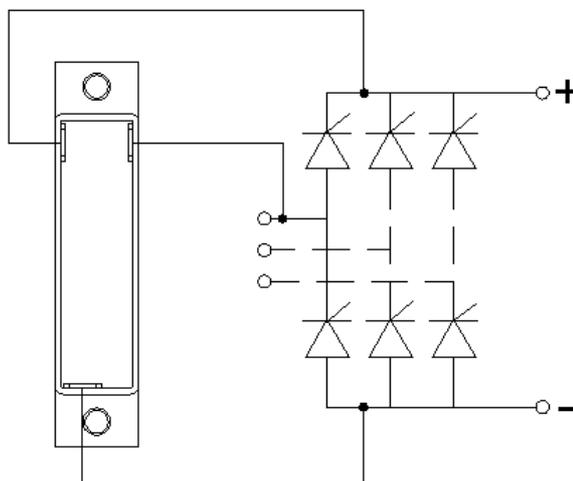
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TYPICAL APPLICATION CIRCUITS



Single RC module



Dual RC module

Cost Effective Products

SEMICODE ELECTRONICA

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No Annotation: The product parameters are fixed and the product is available to datasheet specification.

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