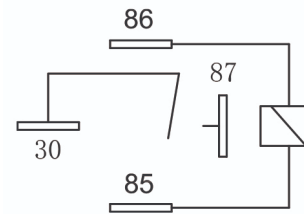
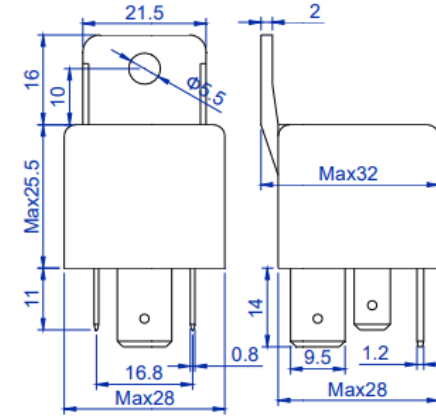


**PART NR.**  
**RE640A**

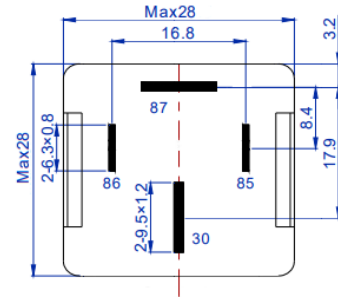
**COUNTRY OF ORIGIN**  
**China**

**STANDARDS**  
**REACH and RoHS compliant**

**PHOTO / TECHNICAL DRAWING**



**1A wiring**  
**Standard coil**



**DIMENSIONS**

L x W x H: 28 x 28 x 25,5 (+16) mm

**TECHNICAL SPECIFICATIONS**

Contact termination: 4 Tab terminals, 6.3x0.8 (2x) and 9.5x1.2 (2x)  
Wiring: 1A, standard coil  
Rating: 12V, 80A, 1,6W

### Contact Data

Contact Form	1A (SPSTNO), 1B (SPSTNC), 1C (SPDT(B-M))		
Contact Material	Ag Alloy		
Contact Rating (resistive)	1A	1B	1C
	80A/14VDC	60A/14VDC	NO:80A/14VDC NC:60A/14VDC
Max. Switching Voltage	75VDC		
Max. Switching Current	80A		
Max. Switching Power	1120W		
Contact Resistance or Voltage drop	≤100mΩ		
Electrical Life	1×10 <sup>5</sup> ops		
Mechanical Life	1×10 <sup>7</sup> ops		

### Coil Parameter

Dash numbers	Coil voltage (VDC)		Coil resistance Ω±10%	Pickup voltage VDC(Max.)	Release voltage VDC(Min.)	Coil power	Operate Time	Release Time
	Rated	Max.						
6V	6V	7.8V	22.5	3.9V	0.6V	1.6W	≤10 ms	≤10 ms
12V	12V	15.6V	90	7.8V	1.2V			
24V	24V	31.2V	360	15.6V	2.4V			

### Operation condition

Insulation Resistance	100MΩ Min. (at 500VDC)	
Dielectric Strength	Between Contacts	50Hz 500VAC / 1 minute
	Between Coil and Contacts	50Hz750VAC / 1 minute
Shock resistance	147m/s <sup>2</sup> 11ms	
Vibration resistance	10~40Hz double amplitude 1.5mm	
Terminals strength	100N , 50N(for PCB type)	
Solderability	235℃±2℃ 3±0.5s	
Ambient Temperature	-40℃ ~ +85℃	
Relative Humidity	85% (at 40℃)	
Weight(Approx.)	39g, 42g(Insulation Bracket), 47g(Metal Bracket)	