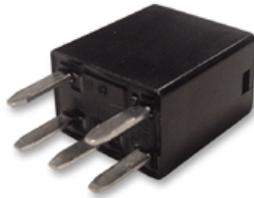


# Song Chuan Micro 280 Relays



»»» Micro 280 Relays  
2.8mm footprint design

Waytek Stock No.	Song Chuan P/N	Volt Rating	Contact Action	Amp Rating NO	Amp Rating NC	Terminals & Notes
75730	301-1A-C-R1	12	SPST	35	—	Four terminals, resistor
75735	301-1C-C-R1	12	SPDT	35	20	Five terminals, resistor

»»» Ordering Information		898	-	1AH	-	C	-	R1
		1		2		3		4
1)	301 - Basic series designation - Micro ISO with 280 footprint design	3)	C - Flux tight					
2)	1AH - Single Pole, Normally Open, contact material AgSnO 1CH - Single Pole, Double Throw, contact material AgSnO	4)	301-R1 - Coil parallel with resistor 1/2W for 12V 680Ω 24V 2700Ω					

## 75730 & 75735 Features:

- Material: AgSnO alloy
- Contact Voltage Drop<sup>(1)</sup>: Typ. 40mV at 10A
- Insulation Resistance<sup>(1)</sup>: 20MΩ Min. (DC 500V)
- Operating Time<sup>(1)</sup>: 10ms Max.
- Operating Time<sup>(1)</sup>: 10ms Max.
- Dielectric Strength<sup>(1)</sup>: AC 500V, 50/60Hz 1 min.
- Vibration Resistance: Operating extremes - 10 ~ 55Hz 5.0G
- Shock Resistance: Operating extremes - 10G, Damage Limits - 100G
- Life Expectancy: Mechanical - 10,000,000 operations (frequency 18,000 operations/hr.)
- Life Expectancy: Electrical - 100,000 operations (frequency 1,800 operations/hr.)
- Operating Temperature: -40°F~257°F(-40°C ~ 125°C (no freezing))
- Weight: Approx. 20 g

Note: (1) Without switching the load.

# Song Chuan Micro 280 Relays

## »» Contact Rating

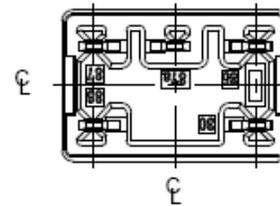
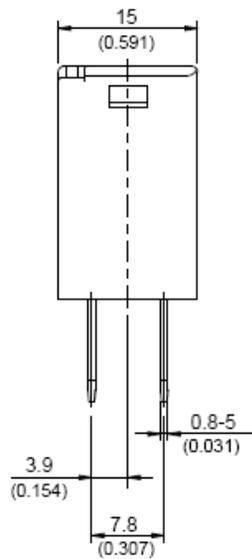
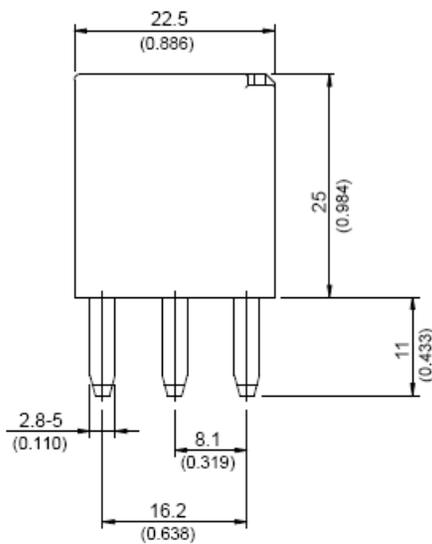
Type	301 1A	301 1C
Resistive Load	35A 14VDC	NO: 35A 14VDC NC: 20A 14VDC

## »» Coil Rating(DC)

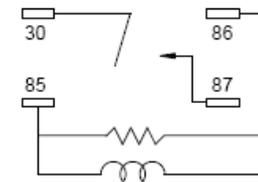
Rated Voltage	Rated Current ±10% at 23°C (mA)	Coil Resistance ±10% at 23°C	Max. Continuous Voltage at 85°C <sup>(1)</sup>	Pick-up Max. Voltage at 23°C	Drop-out Min Voltage at 23°C	Power Consumption at Rated Voltage
6	187.5	32	133% of rated voltage	60% of rated voltage	10% of rated voltage	Approx. 1.2W
12	97.5	123				
24	49.6	483				

Note: (1) Without switching the load.

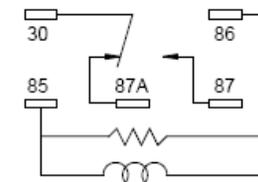
Dimensions:



Wiring Diagram for: 75730



Wiring Diagram for: 75735



# Song Chuan Micro 280 Relays

