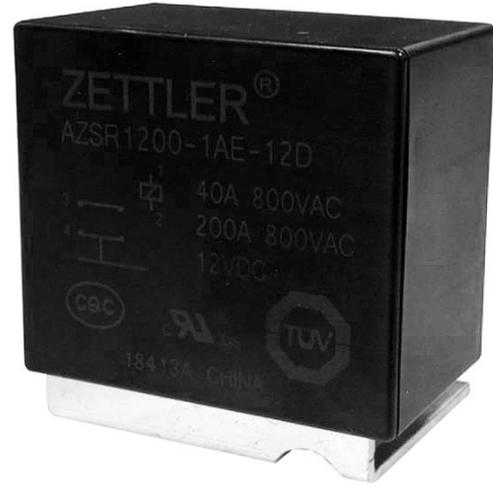


AZSR1200

200 AMP POWER RELAY

FEATURES:

- Dielectric strength 4000Vrms
- 200 Amp switching
- Contact gap : >3.2mm /3.6mm available
- Clearance / creepage > 10mm
- UL : E365652
- TUV : B 088793 0013
- Insulation Class F



CONTACTS

Arrangement	SPST (1 Form A)
Ratings	Resistive load: Max. switched power: 110400VA Max. switched current: 200A Max. switched voltage: 920VAC Max. continuous current: 200A
Rated Load UL/TUV	920VAC Make/Break 40A, Carrying 200A, Res., 30K cycles @85°C 200A, 920VAC, Res., 50 cycles, @85°C
Material	AgSnO2
Resistance	< 100mΩ initially (at 6V, 1A, voltage drop method)

COIL

Power At Rated Voltage Max. Continuous Dissipation Temperature Rise	3000 mw (typical) 3.63 W at 20°C(68°F) ambient 70°C Max. at Rated voltage,85°C
Temperature	Max. 155°C(311°F) class F

NOTES

- 1.All values are initial values, at 20°C(68°F)
- 2.Relay may pull in with less than "Must Operate" value
- 3.Specifications subject to change without notice.

GENERAL DATA

Life Expectancy Mechanical	Minimum operations 1000,000 cycles Min.
Electrical	See rated load
Operate Time(typical)	40 ms Max. at nominal coil voltage(not include bounce time)
Release Time(typical)	15 ms Max. at nominal coil voltage (with no coil suppression)
Dielectric Strength (at sea level for 1min.)	4000 Vrms(coil to contacts) 2000 Vrms(between open contacts)
Surge Voltage	10KV @1.2/50μs (coil to contacts) 8150V @1.2/50μs(between open contacts)
Insulation Resistance	1,000MΩ min. at 20°C 500VDC 50% RH
Holding voltage	Greater than 40% of nominal coil voltage
Dropout	Greater than 5% of nominal coil voltage
Ambient Temperature Operating Storage	At rated coil voltage -40°C(-40F)to 85°C(185°F)
Vibration	1.5mm DA at 10-55 Hz
Shock	10g
Enclosure	P.B.T, Polyester
Terminals	Tinned copper alloy, P.C.
Max. Solder Temp.	270°C(518°F)
Max. solder time	5 seconds
Weight	265g

AZSR1200

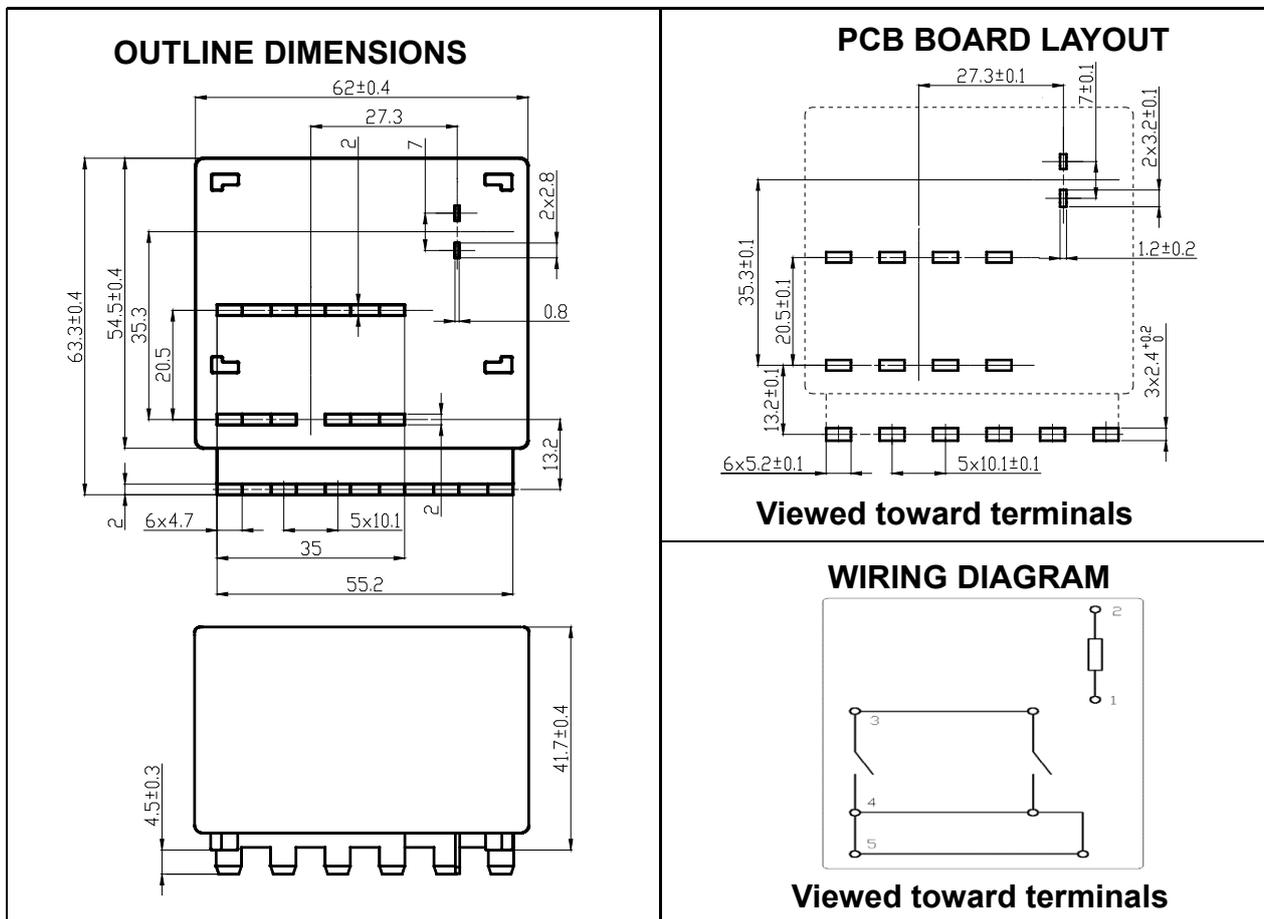
RELAY ORDERING DATA

COIL SPECIFICATIONS @20°C*					ORDER NUMBER
Nominal Coil VDC	Must Operate VDC	Min. holding VDC	Max. Continuous VDC	Coil Resistance $\Omega \pm 10\%$	
6	4.5	2.4	6.6	12	AZSR1200-1AE-6D
9	6.7	3.6	9.9	27	AZSR1200-1AE-9D
12	9	4.8	13.2	48	AZSR1200-1AE-12D
24	18	9.6	26.4	192	AZSR1200-1AE-24D
48	36	19.2	52.8	768	AZSR1200-1AE-48D

*Terminal down-wards direction for operation voltage parameter.

Add Suffix, (360) for 3.6mm gap.

MECHANICAL DATA



AMERICAN ZETTLER, INC.

5/14/19

PHONE: (949) 831-5000

www.azettler.com

E-MAIL: SALES@AZETTLER.COM

This specification provides an overview of the most significant part features. Any individual applications and operating conditions are not taken into consideration. It is recommended to test the product under application conditions. Responsibility for the application remains with the customer. Proper operation and service life cannot be guaranteed if the part is operated outside the specified limits.