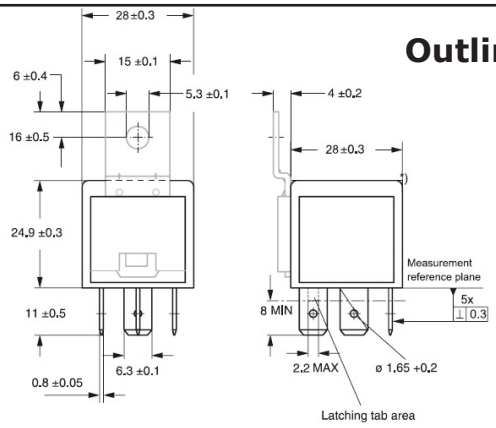
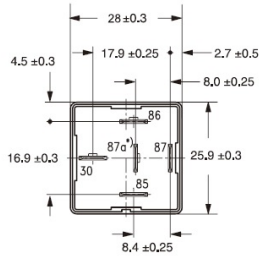
PICO®

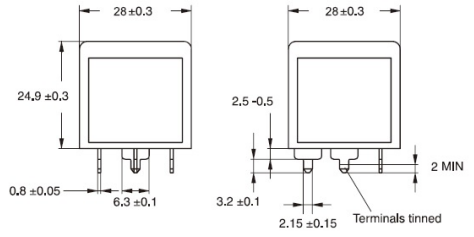
925
Specifications Sheet

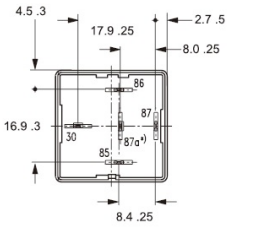
Outline Drawing





For the make contact (2x87), pin 87a = 87;
for the double make contact, pin 87a = 87b.





For the make contact (2x87), pin 87a = 87;
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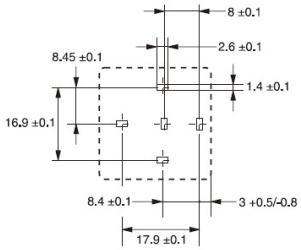
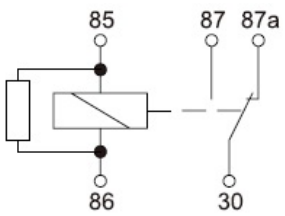


Contact Data

(1) The values apply to a resistive or inductive load with suitable spark suppression and at maximum 14VDC for 12VDC load voltages. For a load current duration of maximum 3s for a make/break ratio of 1:10.
(2) Current and time are compatible with circuit protection by a typical automotive fuse. Relay will make, carry and break the specified current.
(3) For unsuppressed relay coil. A low resistive suppression device in parallel to the relay coil increases the release time and reduces the lifetime caused by increased erosion and/or higher risk of contact tack welding.

Wiring Diagram



Contact Arrangement	1 form C, 1 CO
Rated Voltage	12 VDC
Limiting Current **23°C** **85°C** **125°C**	NO/NC 60/45A 40/30A 17/12A
Limiting Making Current(1) **NO/NC**	120/45A
Limiting Breaking Current **NO/NC**	60/40A
Limiting Short-Time Current **Overload Current (2)**	1.35 x 40A, 1800s 2.00 x 40A, 5s 3.50 x 40A, 0.5s 6.00 x 40A, 0.1s
Jump Start Test	24VDC for 5min Conducting Nominal Current at 23°C
Contact Material	AgSn02
Min Recommended Contact Load	1A at 5VDC
Initial Voltage Drop **NO Contact at 10A, typ./max.** **NC Contact at 10A, typ./max.**	 15/200mV 20/250mV
Frequency of Operation **at Nominal Load**	6 ops./min (0.1Hz)
Operate/Release Time(3)	7/2ms
Electrical Endurance	
Resisitve Load at 14 VDC	>2x10⁵ ops. 40A (NO)
Mechanical Endurance DC Coil	>1x10⁷ ops.