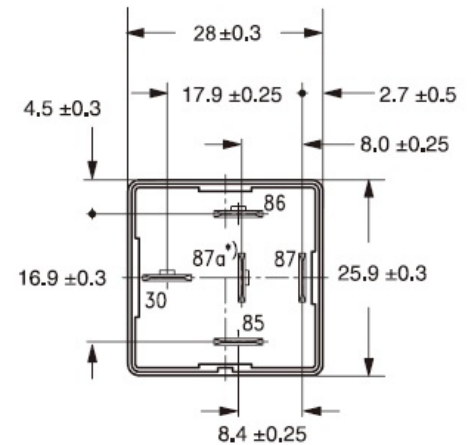
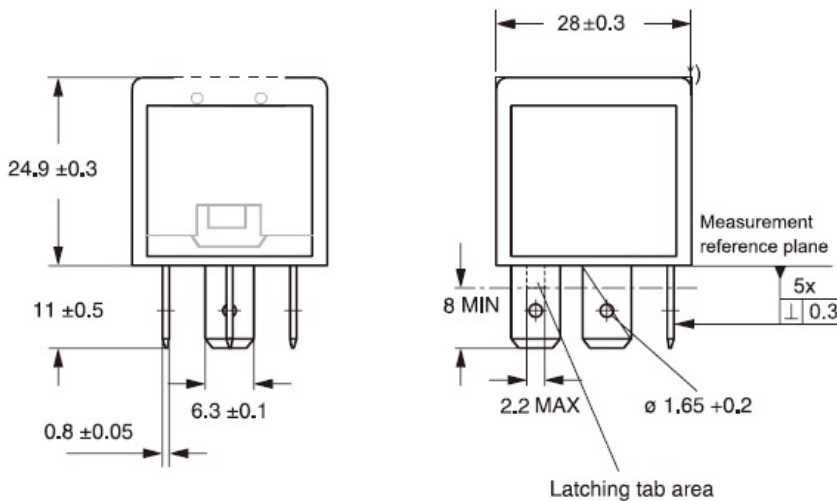




PICO®

931 Specifications Sheet

Outline Drawing



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

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.

Contact Arrangement	1 form C, 1 CO
Rated Voltage	12 VDC
Limiting Current	NO/NC 23°C 60/45A 85°C 40/30A 125°C 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	
Resistive Load at 14 VDC	>2x10 ⁵ ops. 40A (NO)
Mechanical Endurance DC Coil	>1x10 ⁷ ops.

Wiring Diagram

