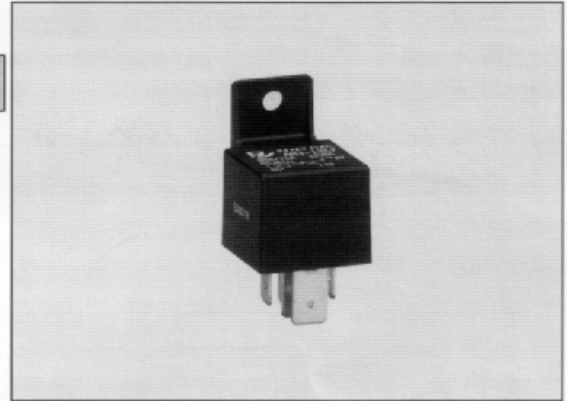


FEATURES

- Plug-in/ PCB terminals are available for customer's selection.
- 70A/ 80A high current automotive relay
- Using at automotive, direct connection with cell motors, transmission, and anti-locking braking system.



ORDERING INFORMATION

AM3 1A — 12 B
1 2 3 4

- | | |
|-------------------------|----------------------------------|
| 1. Type | 4. Cover & Terminal Type |
| 2. Contact Arrangement | F : Plastic Bracket |
| Nil : 1 Form C(1PDT) | B : Non-Bracket, P.C.B. Terminal |
| A : 1 Form A(1PST-NO) | |
| 3. Coil Nominal Voltage | |

CONTACT RATING

1PDT	Resistive (Cos.θ = 1)	DC 12V	80A/70A
1PST-NO	Resistive (Cos.θ = 1)	DC 12V	80A

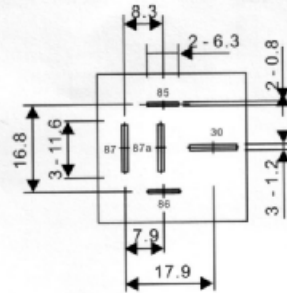
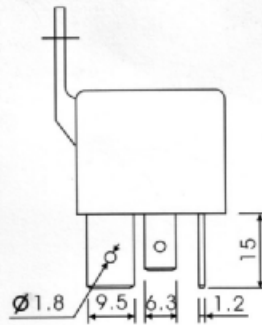
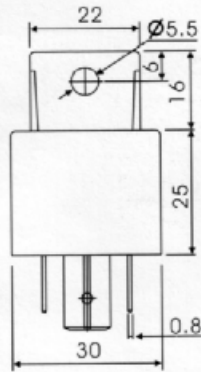
COIL DATA(1.8W, at 25°C)

Coil Nominal Voltage (VDC)	Resistance Tol. ± 10% (Ohms)	Nominal Current (mA)	Maximum Pick Up Voltage (v)	Minimum Drop Out Voltage (V)
6	18	333	3.6	0.6
12	72	167	7.2	1.2
24	288	83	14.4	2.4

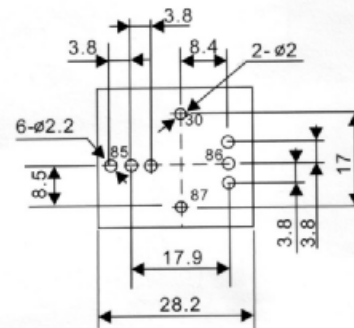
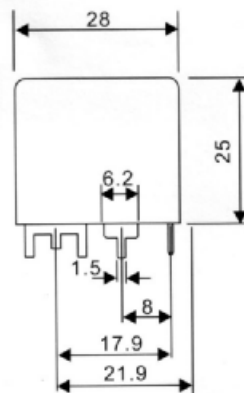
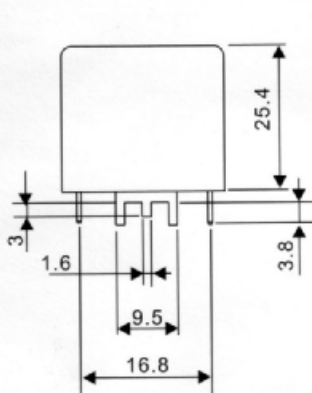
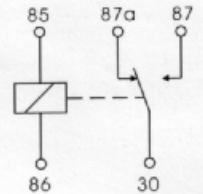
DIMENSIONS(mm)

P.C.B LAYOUT
(BOTTOM VIEW)

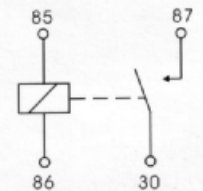
WIRING DIAGRAM
(BOTTOM VIEW)



1C



1A



GENERAL DATA

Insulation Resistance	100 MΩ Min. (DC 500V)
Dielectric Strength	500 VAC, 50/60Hz between contact.
	500 VAC, 50/60Hz between all elements.
Contact Material	Silver- Cadmium Oxide as standard. Ag Alloy
Contact Resistance	50 milliohms max. (initial value)
Shock Resistance	Malfunction: 10G(11ms) ; Destructive: 100G(6ms)
Vibration Resistance	Malfunction: 10 to 55 Hz. at Double Amplitude of 1.5 mm
	Destructive: 10 to 55 Hz. at Double Amplitude of 1.5 mm
Operation Time	7 ms max.
Release Time	5 ms max.
Temperature Range	- 40°C ~ + 85°C
Expected Life	With operation rate 30/min.
	Mechanical - 10,000,000 operations min. Electrical - 100,000 operations min. at rated load.
Weight	40 grams