



Industrial & Electrical Components

Automotive Relay

Part No.

NRA07

- Contact load capacity up to 80A
- Suitable for automobile
- Pcb board mounting and direct insert mounting available

CONTACT

Arrangement	1A/1B/1C
Contact Material	AgSnO ₂
	1A:60A,80A/14VDC
Contact Resistance	1B:40A,70A/14VDC
(By voltage drop 6V/1A)	1C:70A/14VDC
Max. Allowable Voltage	75VDC
Max. Allowable Current	80A
Max. Allowable Power	980W
Service life	
Electrical	10 ⁵
Mechanical	10 ⁷

CHARACTERISTICS

Operate Time	Max.7ms
Release Time	Max.5ms
Dielectric Strength	
Between contacts	50Hz 500V
Between contact and coil	50Hz 500V
Insulation Resistance	Min.100MΩ (500 VDC)
Ambient temperature	-40℃~125℃
Humidity	85%(40℃)
Shock resistance	147m/s ² 11ms
Vibration resistance	10 Hz to 40Hz 1.5mm
Unit weight	46g Max.

ORDERING INFORMATION

e.g

NRA - 07 - C - 12D

①

②

③

④

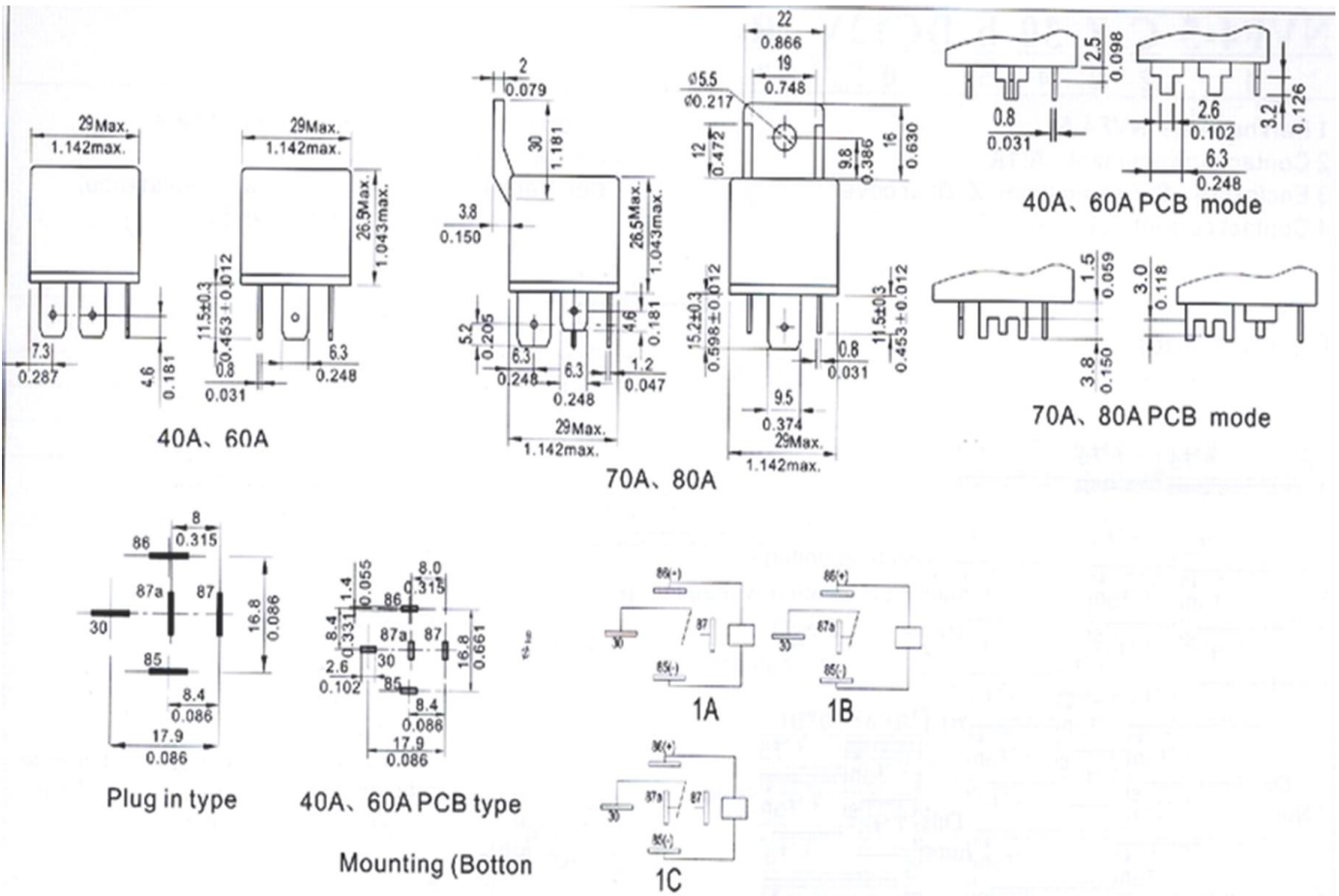
① Series: NCR Automotive Relay Series

② Part No.

③ Contact arrangement: 1A,1B,1C

④ Coil Voltage:6VDC,12VDC,24VDC

Dimension(mm)



NCR
Industrial & Electrical Components