



TR20

MAIN FEATURES

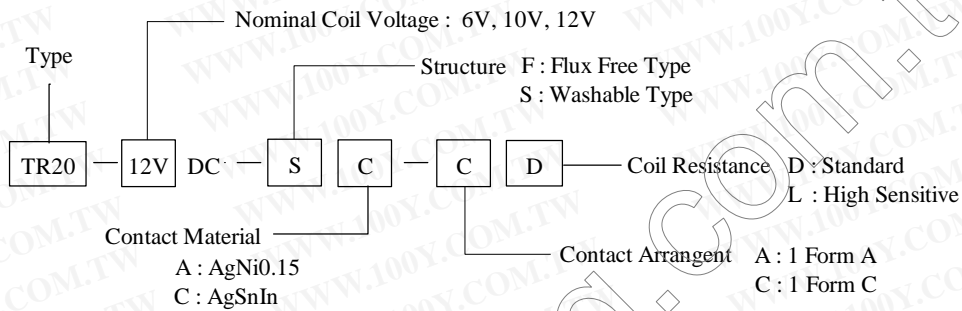
- ¹ Ultraminiaturized design, extremely light weight
- ¹ 30A maximum continuous current

APPLICATIONS

- ¹ Motor control
- ¹ Lamp control
- ¹ Interval wiper control
- ¹ Rear window and seat heating



ORDERING INFORMATION

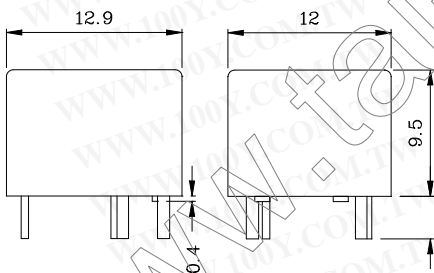


DIMENSION (unit:mm)

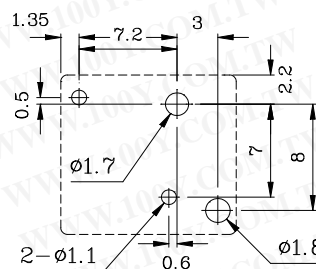
DRILLING (unit:mm)

WIRING DIAGRAM

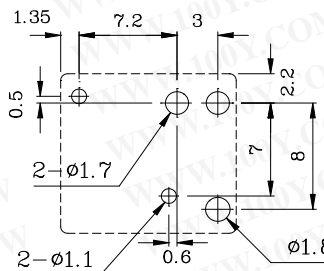
Dimensions (mm)



Mounting (mm)
(Bottom views)

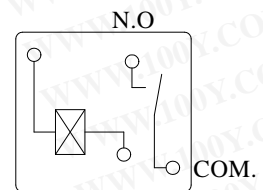


1 Form A

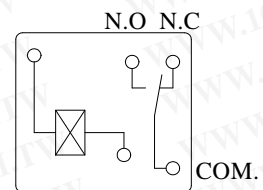


1 Form C

Writing diagram
(Bottom views)



1 Form A



1 Form C

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

COIL DATA CHART (AT23³/₄C)

Coil Sensitivity	Coil Voltage Code	Nominal Voltage (VDC)	Coil Resistance (Ω) $\pm 10\%$	Power Consumption (W)	Must Operate Voltage Max. (VDC)	Allowable Voltage (VDC)	Must Release Voltage Min. (VDC)
Sensitivity	006	6	64	0.55W	3.5	12	0.75
	010	10	181		5.7	20	1.25
	012	12	254		6.9	24	1.5
Standard	012	12	181	0.8W	6.9	20	1.5

CONTACT RATING

Type		TR20
Item		TR20
Form		1 Form A / 1 Form C
Max. Switching Current	Make	100A
	Break	NO : 30A 14VDC NC : 25A 14VDC
Material		Ag alloy
Initial Contact Resistance		100M max. at 0.1A, 6VDC
Max. Continuous Current		N.C 25A / N.O 30A
Max. Switching Voltage		16VDC
Min. Load		0.5A, 12VDC
Service Life	Mechanical	10 ⁷ ops
	Electrical	10 ⁵ ops

PERFORMANCE (at initial value)

Type		TR20
Item		TR20
Operation Time		3ms. Typical
Release Time		1.5ms. Typical
Insulation Resistance		100 M Ω , at 500VDC, 50%RH
Dielectric Strength		500Vrms, 1 Min.
Shock Resistance		30g, 6ms
Vibration Resistance		6g, 10-500 Hz
Drop Resistance		1M height drop on concrete
Power Consumption		0.55W approx.
Ambient Temperature		Operating : -40 C to 105 C; Storage: -40 C to 155 C
Weight		4g approx.

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