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MAIN FEATURES

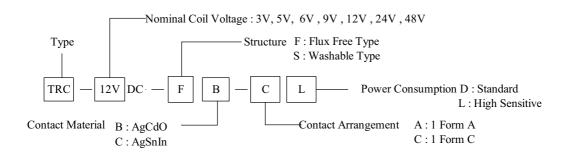
- Smallest size (10.2 × 18.2 × 14.8 mm) at 10A switching capacity relay for high density P.C. board mounting technique.
- 1A and 1C contact form available.
- Surge resistiveness of 5000V on series relays.
- Design conforms to foreign safety standard (UL/CSA/TUV).
- Selection of plastic insulation material for high temperature and better chemical solution performance.

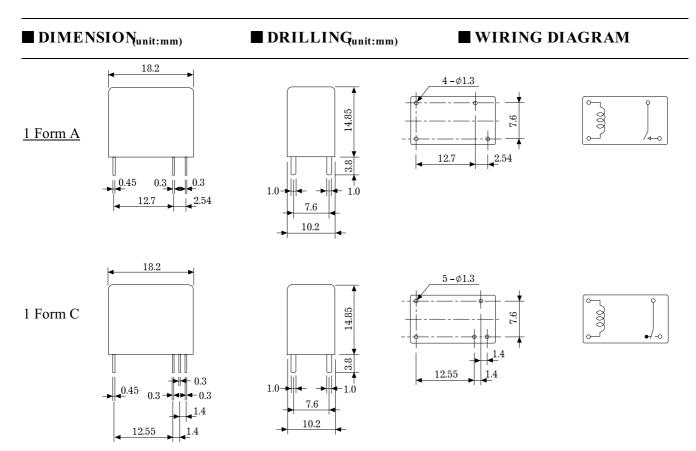


■ APPLICATIONS

• Domestic appliance, office machine, audio equipment, automobile, etc.

■ ORDERINGINFORMATION





■ COIL DATA CHART (AT20C)

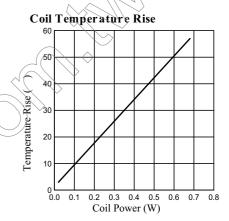
Coil	Coil Voltage	Nominal	Nominal	Coil	Power	Pull-In	Drop-Out	Max-Allowable
Sensitivity	Code	Voltage	Current	Resistance	Consumption	Voltage	Voltage	Voltage
		(VDC)	(mA)	$(\Omega) \pm 10\%$	(W)	(VDC)	(VDC)	(VDC)
TRC-L (High Sensitivity	03	3	67	45	abt. 0.2W	75% Max.	5% Min.	130% Max.
	05	5	40	125				
	06	6	33.3	180				
	09	9	22.5	400				
	12	12	16.7	720				
	24	24	8.16	2800				
TRC-D (Standard)	03	3	150	20	abt. 0.45W	75% Max.	5% Min.	120% Max.
	05	5	91	55				
	06	6	75	80				
	09	9	50	180				
	12	12	37.5	320				
	24	24	18.8	1280				
	48	48	9.4	5100				

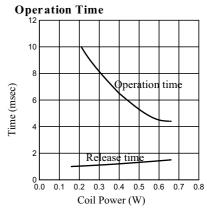
■ CONTACT RATING

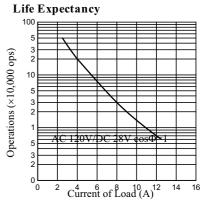
Туре	TRC			
Item	D Type	L Type		
Contact Capacity Resistive Load (cosΦ=1)	10A 120VAC 10A 28VDC	7A 120VAC 7A 28VDC		
Inductive Load (cosΦ=0.4 L/R=7msec)	4A 120VAC 4A 28VDC	2A 120VAC 2A 28VDC		
Rated Carrying Current	10A	7A		
Max. Allowable Voltage	265VAC, 30VDC			
Max. Allowable Current	10A	7A (
Max. Allowable Power Force	1200VA, 240W	840VA, 100W		
Referenced Min. Applicable Load	5VDC, 10mA			
Contact Material	Aş	Alloy		

■ PERFORMANCE (at initial value)

		\vee \wedge \wedge \wedge			
Туре	TRC				
Item	1 Form C 1 Form A				
Contact Resistance	_100mΩ Max.				
Operation Time	10msec Max.				
Release Time	4mse¢ Max.				
Dielectric Strength Between coil & contact Between contacts	2800VAC 1 minute 750VAC min	3500VAC 1min			
Surge Resistiveness	5000V				
Insulation Resistance	100 MΩ Min. (500VDC)				
Max. ON/OFF Switching Mechanically Electrically	300 operation/min 30 operation/min				
Operating Ambient Temperature	→ -30°C to +60°C				
Operating Humidity	45 to 85% RH				
Coil Temperature Rise	40 deg. Max. (at rated coil voltage)				
Vibration Endurance Error Operation	10 to 55HZ Double Amplitude 1.5mm 10 to 55HZ Double Amplitude 1.5mm				
Shock Endurance Error Operation	100G 10G				
Life Expectancy Mechanically Electrically	10×10^6 ops. Min. (no load) 10×10^4 ops. Min. (at rated coil voltage)				
Weight	abt. 6grs.				
UL File No.	E156521				
CSA File No.	LR102317				
TUV File No.	R9452084				







■ REFERENŒ DATA