<u> Telecom Relay TRR</u>

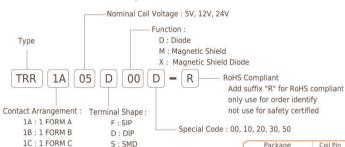
MAIN FEATURES

- Miniature, cost-effective switching solution.
- State of the art capsule designs.
- Molded construction for compatibility with automatic board processing.
- Epoxy-molded dual-in-line package.
- UL and cUL recognized.

APPLICATIONS

Measuring equipment, Communication equipment, Control equipment, Appliances, etc.

ORDERING INFORMATION



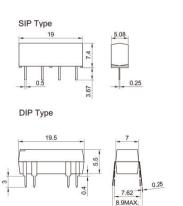
Package		Coil Pin	Contact Pin	1A	1B	1C	2A	
SIP	4 Pin	3,5	1,7	00				
SIP	4 Pin	2,6	1,7	50				
IP/ SMD	8 Pin	2,6	1,7,8,14	00	00	00		Special Code
IP/ SMD	8 Pin	(2&13),6	1,7,8,14	10	10	10	00	
DIP	4 Pin	2,6	8,14	20				
DIP	8 Pin	6,13	1,7,8,14	30				

DIMENSION(unit:mm)

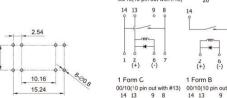
2A: 2 FORM A

☐ DRILLING(unit:mm)

WIRING DIAGRAM







1 Form A

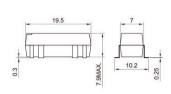
2 6 (+) (-)	1 2 6 7
1 Form B	2 Form A
00/10(10 pin out with	h #13) 00
	14 13 9 8
9 9 9	9 9 9
-	-
——	-
6 6 6 6	8 8 8 8
2 6	1 2 6 7
	1 Form B 00/10(10 pin out wit

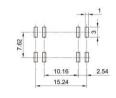
DIMENSION(unit:mm)

☐ DRILLING(unit:mm)

MIRING DIAGRAM

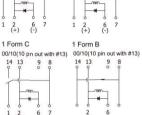
SMD Type





1 Form A 00/10(10 pin out with #13)

1 Form C



2 Form A

COIL DATA CHART(at 20°C)

Coil Sensitivity	Nominal Voltage (VDC)	Operate Voltage Max. (VDC)	Nominal Current (mA)	Coil Resistance (Ω)±10%	Power Consumption (mW)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC
TRR -1A TRR -1B	5	6	10	500	50	3.75	0.8
	12	14.5	12	1000	144	9.0	1.0
	24	29	11.2	2150	268	18.0	2.0
TRR -1C	5	11	25	200	125	3.75	0.8
	12	20	24	500	288	9.0	1.0
	24	32	11.2	2150	268	18.0	2.0
TRR -2A	5	11	35.7	140	179	3.75	0.8
	12	20	24	500	288	9.0	1.0
	24	32	11.2	2150	268	18.0	2.0

PERFORMANCE

Contact form	1A / 1B / 2A	1C		
Switching Current	0.5ADC Max. 0.2ADC			
Carry Current	1.0ADC Max. 0.5ADC N			
Switching Power	10VA Max. 3VA Ma			
Enlectrical Life	1×10 ⁸ 5×10 ⁻¹ (10VDC 10mA) (5VDC 1r			
Contact Resistance	150mΩ Max.			
Operation Time (including bounce time)	1.0msec. Max.			
Release Time (including bounce time)	1.0msec. Max.			
Maximum Voltage	100VDC Max.			
Insulation Resistance	10 ⁹ Ω Min.			
Dielectric Strength				
Between coil & contact	1400VDC, (4000VDC Only for DIP type 20)			
Between contacts	250VDC			
Temperature Range				
Operating Temp.	-40 to +85°C			
Storage Temp.	-55 to +125°C			
Shock Resistance	30G Min.			
Weight	Abt. 1.8g.			
UL & cUL	E156521			