



TITLE

SPECIFICATIONS

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- Small size and low cost
- DIP standard terminals
- Sealed type
- Surge strength 1500V FCC68



1. TYPE: TA RELAY (P/C Board type)

2. COIL

Nominal Voltage(VDC)	3	5	6	9	12	24	48	0.36W
Coil Resistance ($\Omega \pm 10\%$)	25	69	100	225	400	1600	6400	
Rated Current(mA)	120	71.4	60	40	30	15	7.5	
Max Operate Voltage(VDC)	2.25	3.75	4.5	6.75	9	18	36	
Min Release Voltage(VDC)	0.3	0.5	0.6	0.9	1.2	2.4	4.8	
Coil Resistance ($\Omega \pm 10\%$)	20	56	80	180	320	1280	5120	0.45W
Rated Current(mA)	150	90	75	50	37.5	18.7	9	
Max Operate Voltage(VDC)	2.25	3.75	4.5	6.75	9	18	36	
Min Release Voltage(VDC)	0.3	0.5	0.6	0.9	1.2	2.4	4.8	
Coil Resistance ($\Omega \pm 10\%$)	45	125	180	105	720	2880		0.2W
Rated Current(mA)	66.7	40	33.3	22.2	16.7	8.3		
Max Operate Voltage(VDC)	2.25	3.75	4.5	6.75	9	18		
Min Release Voltage(VDC)	0.3	0.5	0.6	0.9	1.2	2.4		
Max Applicable Voltage	130% of nominal voltage at 70℃, 170% of nominal voltage at 23℃							

At 20℃



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3. CONTACTS	<ul style="list-style-type: none">3-1) Contact arrangement : 1 Form A, 1 Form C3-2) Contact Material : Silver Alloy (Mainly AgNi)3-3) Contact resistance : Max. 100mΩ at 6VDC 1A3-4) Load : Resistive load(COSΦ=1)3-5) Contact ratings : 3A 120VAC/24VDC3-6) Max. switching voltage : 240VAC/60VDC3-7) Max. switching current : 5A3-8) Max. switching power : 360VA/90W3-9) Minimum load : 1mA 5VDC	
4. CHARACTERISTICS	<ul style="list-style-type: none">4-1) Operate time : 5msec4-2) Release time : 5msec4-3) Insulation resistance : Min. 100MΩ (at 500VDC)4-4) Dielectric strength<ul style="list-style-type: none">⊙ Between open contacts : AC 500 Volt (for one minute)⊙ Between coil and contacts : AC 1,000Volt (for one minute)4-5) Vibration resistance : 10 to 55Hz, 1.5mm4-6) Shock resistance<ul style="list-style-type: none">⊙ Operating Extremes :10G⊙ Damage Limits : 50G4-7) Ambient temperature : -30 to + 85℃4-8) Humidity : 40 to 85%4-9) Life expectancy<ul style="list-style-type: none">⊙ Mechanical : Min. 10,000,000 operations⊙ Electrical : Min. 100,000 operations (at 30 operations/minute)4-10) Max. switching frequency<ul style="list-style-type: none">⊙ Mechanical : 18,000 operations / hour⊙ Electrical : 1,800 operations / hour4-11) Weight : Approx. 3.5g4-12) Outline dimension (L x W x H) : 15.8 x 10.8 x 11.84-13) Safety standard : cUL	



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ORDERING INFORMATION

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5. ORDERING INFORMATION

EX.) TAA 1 - 12 N

Model	Contact Arrangement	Coil Voltage	Coil Consumption
TAA TAB	11 : 1 Form A 1 : 1 Form C	3, 5, 6, 9, 12, 24, 48 VDC	B : Standard (0.45W) N : Sensitive (0.36W) H : High-sensitive (0.2W)

TO :

TEXCELL NETCOM CO., LTD.
DEVELOPMENT DEPT

DATE :

DRAWN BY: CHECK BY:

APPROVED BY:

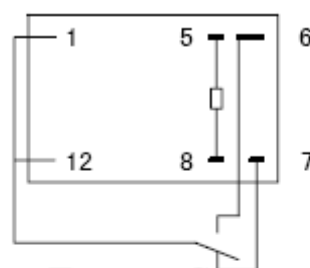
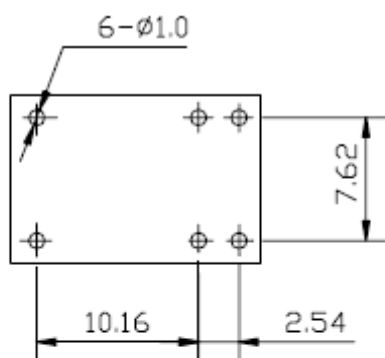
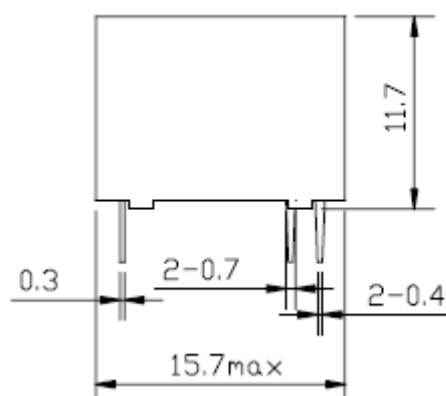
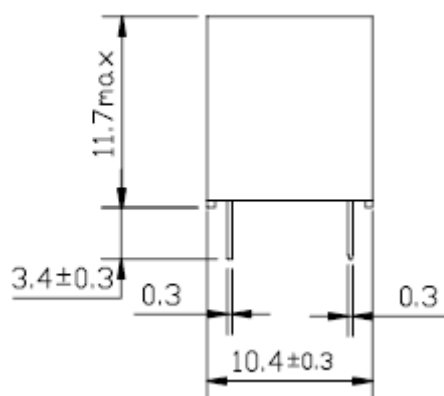


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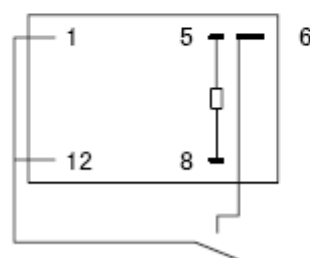
DIMENSIONS

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** TAA **



Form C



Form A

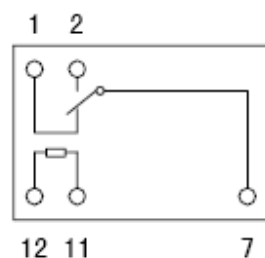
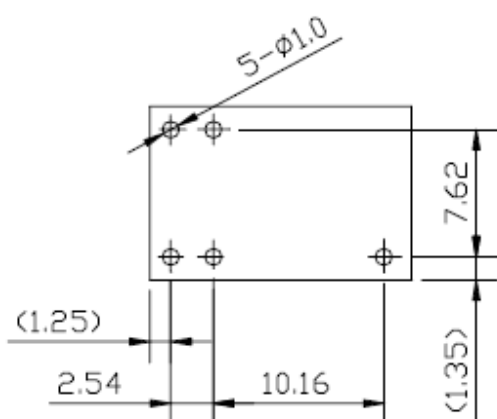
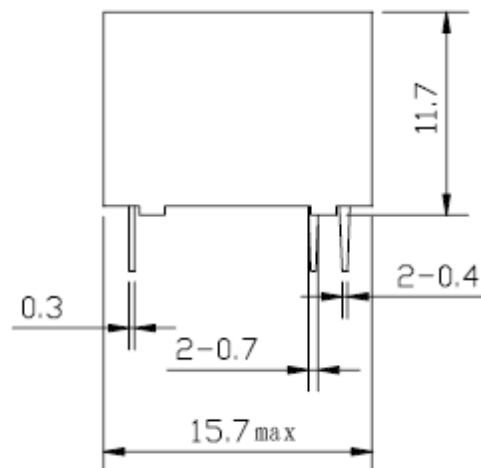
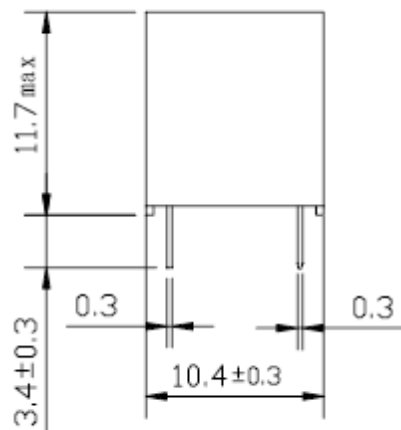


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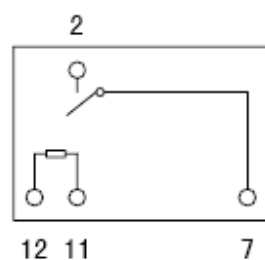
DIMENSIONS

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**** TAB ****



FormC



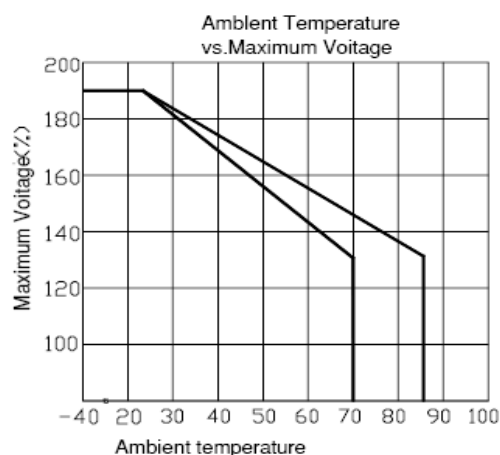
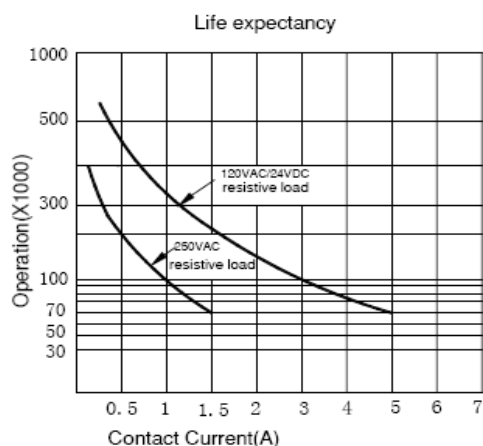
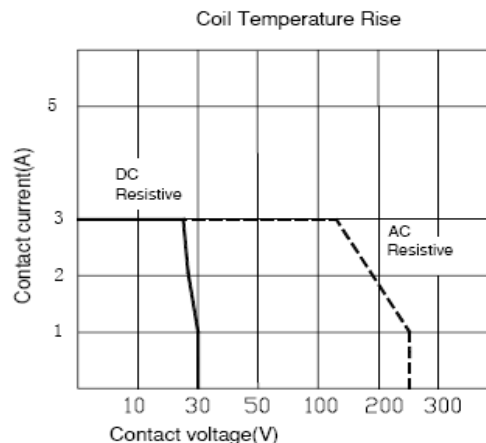
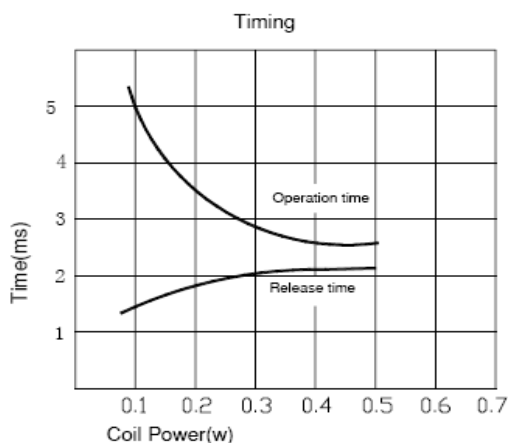
FormA



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DIMENSIONS

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** Disclaimer **

This data sheet is for the customer's reference. All the specifications are subject to change without notice. We could not evaluate all the performance and all parameters for every possible application. Thus the user should be in right position to choose the suitable product for own application. If there is any query, please contact to Texcell Netcom Co., Ltd. for the technical service. However, it is the user's responsibility to determine which product should be used only.

TO:

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DEVELOPMENT DEPT.

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