

T73 12VDC (833H) 10A



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#### CONTACT DATA:

|                            |  |
|----------------------------|--|
| Contact Form               | 1A/1B/1C   |
| Contact Material           | Ag Alloy   |
| Contact Ratings            | 7 A 250VAC/ 30 VDC<br>10A 250 VAC/ 30 VDC<br>15 A 120VAC |
| Max Switching Voltage      | 250VAC/30VDC   |
| Max Switching Current      | 15A  |
| Max Switching Power        | 2770VA/240W  |
| Initial Contact Resistance | 50m $\Omega$ Max at6VDC 1A                               |
| Life Expectancy Electrical | 100,000 Operations (rated load)                          |
| Life Expectancy Mechanical | 10,000,000 Operations (no load)                          |

#### GENERAL DATA:

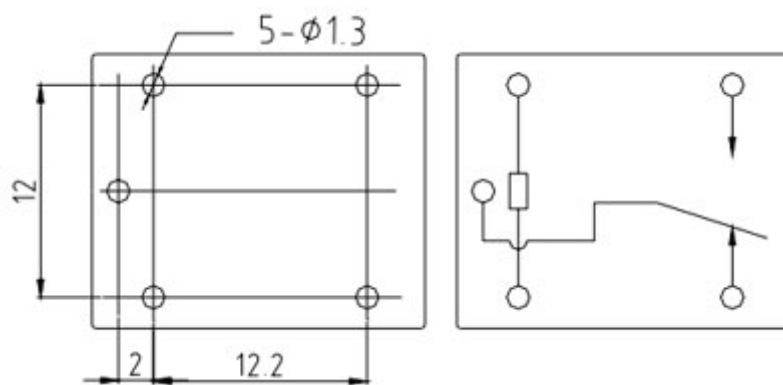
|   |                                     |
|---|-------------------------------------|
| Insulation Resistance                         | 100M $\Omega$ min at500VDC          |
| Dielectric Strength Between Open Contacts     | 750VAC 50-60HZ(1 minute)            |
| Dielectric Strength Between Contacts And Coil | 1500VAC 50-60HZ (1 minute)          |
| Operate Time                                  | 10ms max                            |
| Release Time                                  | 5ms max                             |
| Ambient Temperature                           | -40 $^{\circ}$ C to+85 $^{\circ}$ C |
| Shock Resistance Malfunction                  | 10G                                 |

|                      |                                 |
|----------------------|---------------------------------|
| Destruction          | 100G                            |
| Vibration Resistance | 10-55Hz, 1.5mm double amplitude |
| Ambient humidity     | 40-85% RH                       |
| Weight               | Approx 10g                      |
| Safety Standard      | UL TUV CE CQC                   |

**COIL DATA: (@20 °C )**

| Rated Voltage<br>(VDC) | Coil Resistance $\Omega$ ( $\pm 10\%$ ) |                 | Max Operate<br>Voltage (VDC) | Min Release<br>Voltage (VDC) | Max Applied<br>Voltage (VDC) |
|------------------------|---|-----------------|------------------------------|------------------------------|------------------------------|
|                        | 0.36W                                   | 0.45W           |                              |                              |                              |
| 3                      | 25                                      | 20              | 2.25                         | 0.15                         | 3.9                          |
| 5                      | 70                                      | 55              | 3.75                         | 0.25                         | 6.5                          |
| 6                      | 100                                     | 80              | 4.5                          | 0.3                          | 7.8                          |
| 9                      | 225                                     | 180             | 6.75                         | 0.45                         | 11.7                         |
| 12                     | 400                                     | 320             | 9                            | 0.6                          | 15.6                         |
| 24                     | 1600                                    | 1280            | 18                           | 1.2                          | 31.2                         |
| 48                     | 6400 $\pm 15\%$                         | 5120 $\pm 15\%$ | 36                           | 2.4                          | 62.4                         |

**PC Board Layout & Wiring Diagram (Bottom View)**



**Pls note this really no waterproof, do not wash!!!!**