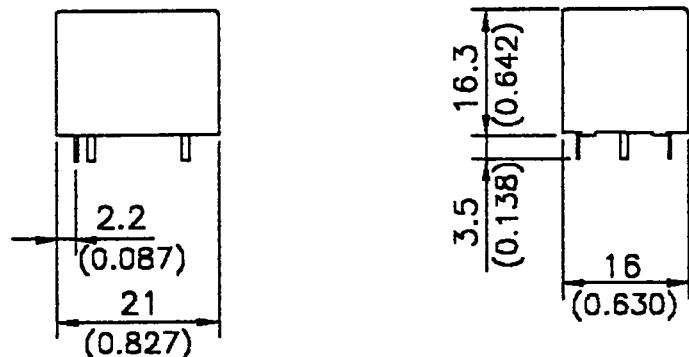
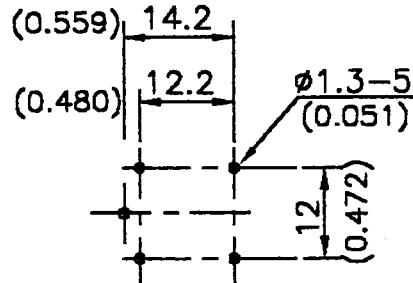


**812H****SPECIFICATION**

|                       |                            |                                                            |
|-----------------------|----------------------------|------------------------------------------------------------|
| Contact resistance    | 50m Max. (initial value)   |                                                            |
| Operate time          | 10ms                       |                                                            |
| Release time          | 5ms                        |                                                            |
| Insulation resistance | 100M Min. (DC 500V)        |                                                            |
| Dielectric strength   | Between open contact       | AC 750V, 50/60Hz 1 min.                                    |
|                       | Between contact and coil   | AC 1500V, 50/60Hz 1min.                                    |
| Vibration resistance  | Operating extremes         | 10~50Hz, amplitude 1.0mm                                   |
|                       | Damage limits              | >10~50Hz, amplitude 1.0mm                                  |
| Shock resistance      | Operating extremes         | >10G                                                       |
|                       | Damage limits              | >100G                                                      |
| Life expectancy       | Mechanical                 | >10,000,000 operations<br>(frequency 18,000 operations/hr) |
|                       | Electrical                 | >100,000 operations<br>(frequency 1,200 operations/hr)     |
| Operating temperature | -40° ~ +70°C (no freezing) |                                                            |
| Weight                | Approx. 10g                |                                                            |

**OUTLINE DIMENSIONS**

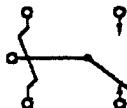
TOLERANCE: ±0.3(0.012)

**PC BOARD LAYOUT**

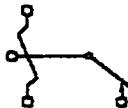
BOTTOM VIEW

**WIRING DIAGRAM**

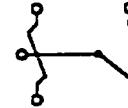
1C



1B



1A



BOTTOM VIEW