

COIL DATA

| Coil Voltage | | Coil Power (W) | | Must Operate Voltage Max (VDC) | Must Release Voltage Min (VDC) |
|--------------|------|-------------------------|-------|--------------------------------|--------------------------------|
| Rated | Max | Resistance (Ohms ± 10%) | | | |
| | | 0.6 W | 0.9 W | | |
| 3 | 3.9 | 15 | 10 | 2.25 | 0.3 |
| 5 | 6.5 | 42 | 28 | 3.75 | 0.5 |
| 6 | 7.8 | 60 | 40 | 4.50 | 0.6 |
| 9 | 11.7 | 135 | 90 | 6.75 | 0.9 |
| 12 | 15.6 | 240 | 150 | 9.00 | 1.2 |
| 15 | 19.5 | 375 | 260 | 10.25 | 1.5 |
| 18 | 23.4 | 540 | 380 | 13.50 | 1.8 |
| 24 | 31.2 | 960 | 640 | 18.00 | 2.4 |
| 28 | 36.4 | 1307 | 871 | 21.0 | 2.8 |
| 48 | 62.4 | 3840 | 2560 | 36.00 | 4.8 |
| 110 | 143 | 20167 | 13445 | 82.50 | 11.0 |

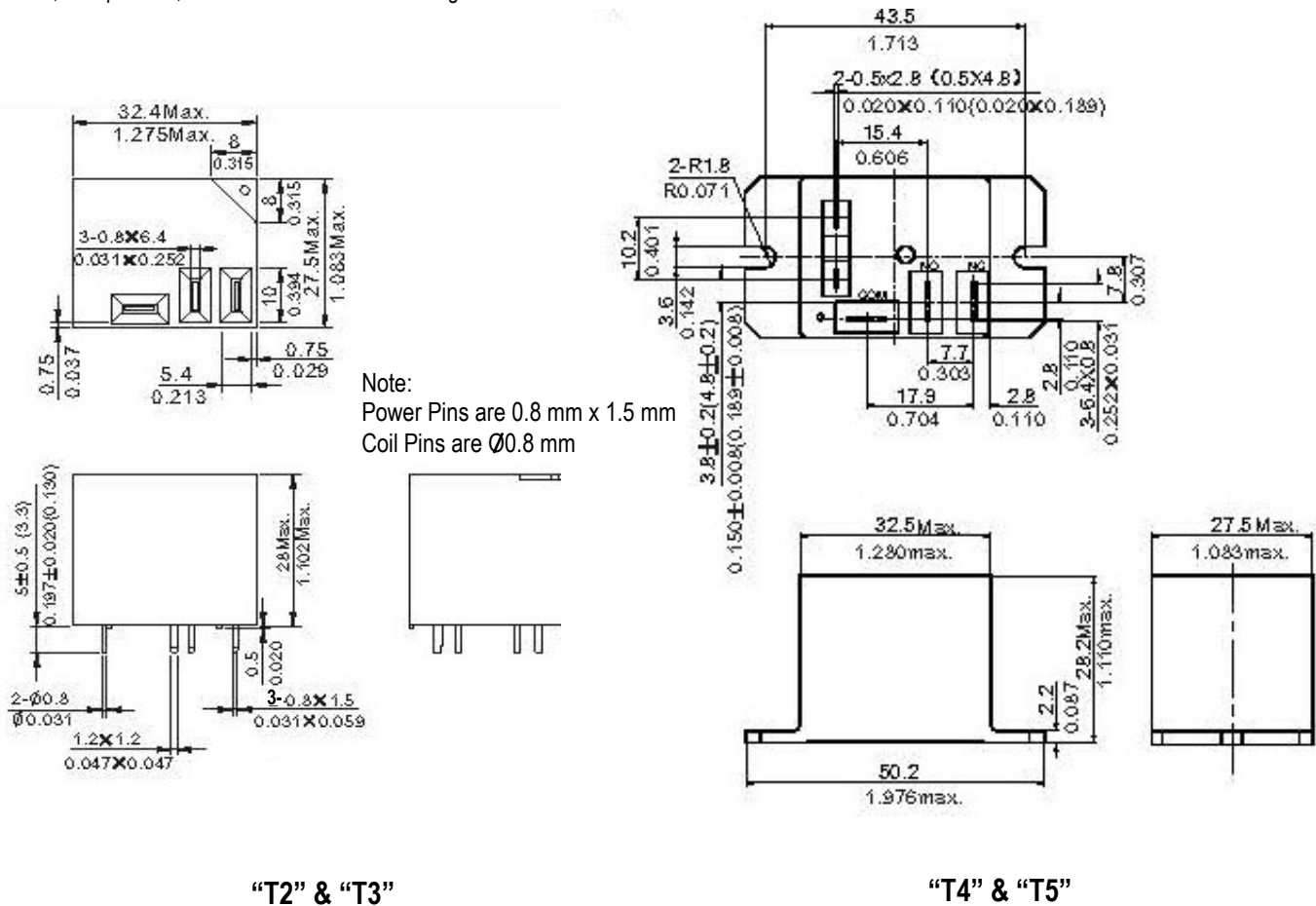
*0.9 W is Industry Standard

NOTES:

The use of any coil voltage less than the rated voltage will compromise the operation of the relays. Must Operate Voltage and Must Release Voltages are for test purposes only and are not to be used as design criteria.

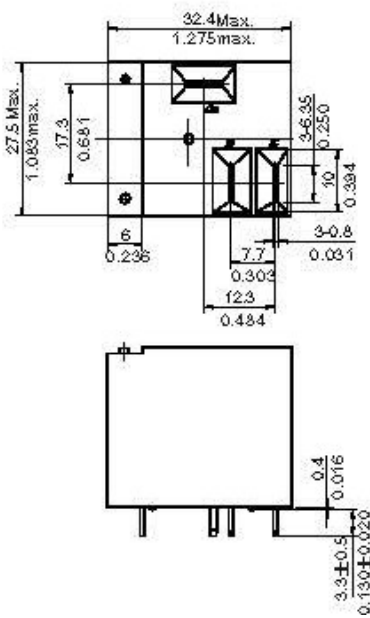
MOUNTING TYPE (mm/inches)

Knock off, on top corner, nib for ventilation after soldering and water wash.

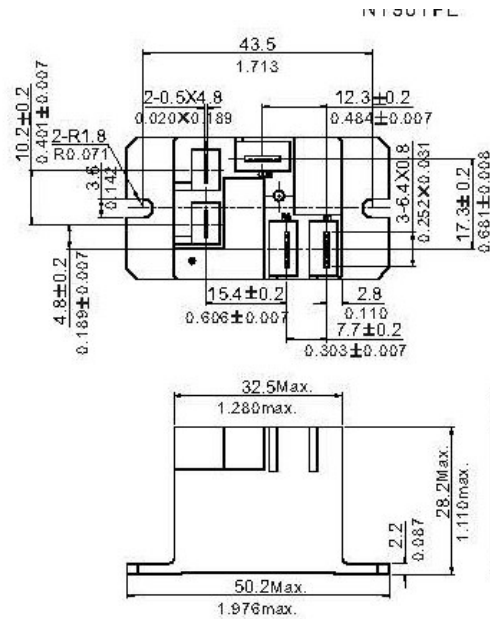
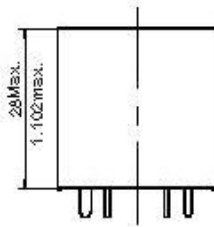


ALTERNATE MOUNTING TYPE (mm/inches)

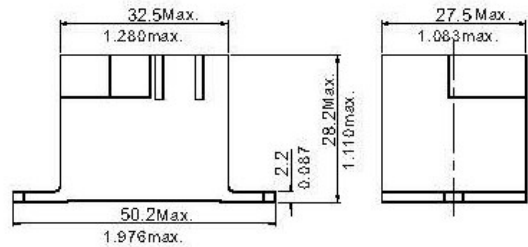
Knock off, on top corner, nib for ventilation after soldering and water wash.



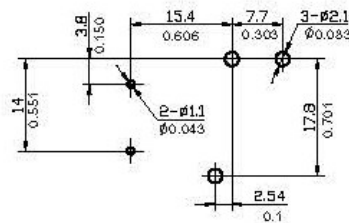
"A"
T2 & T3



"A"
T4 & T5

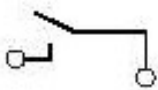


PRINTED CIRCUIT BOARD LAYOUT

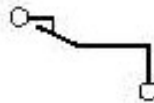


(Bottom View)

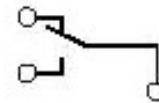
CONTACT FORMS



1A



1B

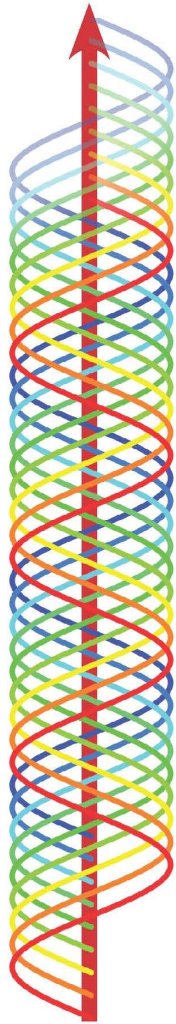
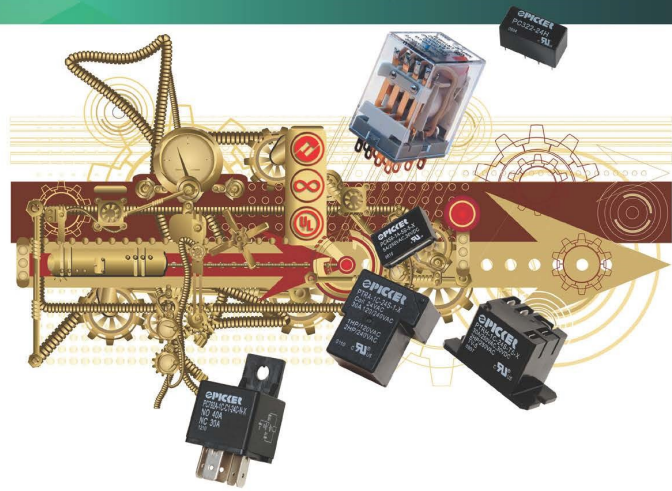


1C

(Bottom View)



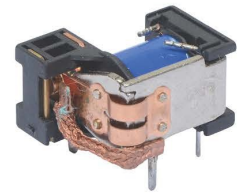
T90 Style Relays



50 Amp

PTRE 50/35 Amp 1,500 W, 12,000 VA

- Larger Contacts than PTRD/PTRDE
- **Braided Copper Wire Added to Dissipate Heat from Contacts to the Coil Frame and PCB Pins**
- 50 Amp 240 VAC 10,000 Cycle UL Resistive Rating
- Class F Material -40° to 125° C Standard



40+ Amp

PTRDE 40/30 Amp 1,200 W, 10,000 VA

- **Braided Copper Wire Added to Dissipate Heat from Contacts to the Coil Frame and PCB Pins**
- 40 Amp 240 VAC 50,000 Cycle UL Resistive Rating
- Class F Material -40° to 125° C Standard

40 Amp

PTRD 40/30 Amp 1,200 W, 10,000 VA
PTRA AC Coil Options from 12 to 277 VAC

- Larger Contacts than PTRH
- 40 Amp 240VAC UL Resistive Rating
- 25 Amp 277 VAC 100K Cycles UL Resistive Rating
- Class F Material -40° to 125° C Standard



30 Amp

PTRH 30/20 Amp 900 W, 7,500 VA

- 30 Amp 277 VAC UL General Purpose Rating
- 30 Amp 250 VAC 100K Cycle UL Resistive Rating
- Class B -40° to 100° C Standard, Optional Class F

Packaging Options (i.e. PTRH-T)



Dust Cover or Sealed with Scratch off Nib



-T (T2 & T3) with PC Pins and Contact QC



-T (T4 & T5) w/QC Tabs & Mounting Ears



-OT (OT2 & OT3) with PC Pins and Contact QC



-OT (OT4 & OT5) w/QC Tabs & Mounting Ears