

# T8-T TACTILE MINI TRIM

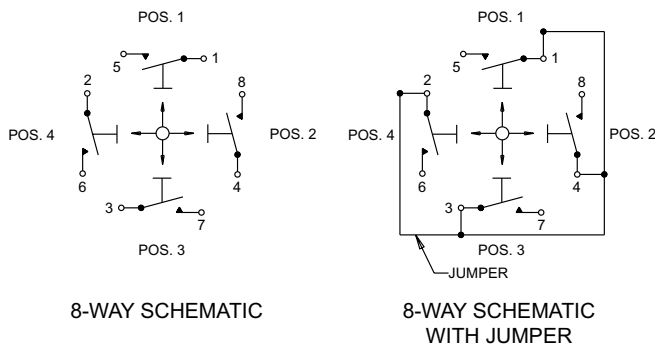
**T8-T**  
TACTILE  
MINI TRIM

## 8-WAY MOMENTARY TOGGLE WITH TACTILE RESPONSE

The T8-T toggle switch provides an 8-way momentary toggle action with detent providing a positive click action that indicates circuit transfer to the operator. The T8-T series provides commercial and military grade switching with sealing up to IP68S, and is ideal for grip applications in aircraft and off-road equipment.

### Features:

- Positive detent
- 8-way momentary toggle action
- Panel sealed to IP64, IP68S or unsealed
- Positive click action
- Logic level switching option
- Available in commercial & military grades
- Variety of button styles & colors available
- RoHS compliant



Hat Button Style  
with Press Fit Case



Inverse Hat Button Style  
with Threaded Case

### Standard Characteristics/Ratings:

#### ELECTRICAL RATINGS:

| Load                         | Sea Level @ 28VDC                                    |
|------------------------------|------------------------------------------------------|
| Resistive                    | 2A                                                   |
| Inductive                    | 1A                                                   |
| DVW                          | 1000Vrms                                             |
| Logic Level                  | 10mA @ 5VDC                                          |
| <b>Electrical Life:</b>      | 30,000 cycles (Military), 50,000 cycles (Commercial) |
| <b>Mechanical Life:</b>      | 150,000 cycles                                       |
| <b>Seal:</b>                 | IP64, IP68S or unsealed                              |
| <b>Operating Temp Range:</b> | -55°C to +85°C                                       |
| <b>Operating Force:</b>      | 1.2 lb. +/- 0.5 lb.                                  |
| <b>Button Strength:</b>      | 4.5 lbs. min pull                                    |
| <b>Overtravel:</b>           | 1° min                                               |
| <b>Pretravel:</b>            | 9.5° max                                             |
| <b>Return Point:</b>         | 3.5° min                                             |

#### MATERIALS:

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| <b>Case:</b>              | Black Thermoplastic                                     |
| <b>Button:</b>            | Thermoplastic                                           |
| <b>Bushing:</b>           | Black anodized aluminum alloy                           |
| <b>Mounting Hardware:</b> | Hexnut, lockwasher, and panel seal (level 1 and 2 only) |

Ihr offizieller Vertriebspartner



**ALDERS**  
Indicate. Control. Connect.

**ALDERS electronic GmbH**  
Arnoldstraße 19  
47906 Kempen

+49 2152 8955-0  
[vertrieb@alders.de](mailto:vertrieb@alders.de) / [www.alders.de](http://www.alders.de)

### T8-T PART NUMBER CODE

| Series     | Grade                        | Button Style                                                                                                                                                      | Case Style                  | Seal*                              | Current Rating                                                                                           | Button Color**                |
|------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------|
| T8-T 8-Way | C. Commercial<br>M. Military | D. Cone<br>E. LRUD Hat<br>F. IOUD Hat<br>G. Hat<br>H. Stadium<br>J. Castle<br>K. 4-Way Jog<br>R. Inverse Hat<br>S. Tall Hat<br>T. Short Hat<br>Q. Stadium Rotated | 3. Press Fit<br>4. Threaded | 1. IP64<br>2. IP68S<br>3. Unsealed | 1. Standard<br>2. Logic Level<br>3. Standard With Internal Jumper<br>4. Logic Level With Internal Jumper | 1. Red<br>2. Black<br>8. Gray |

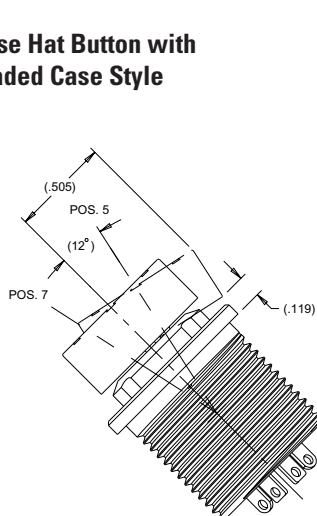
\* Panel seal only

\*\* Contact factory for additional colors.

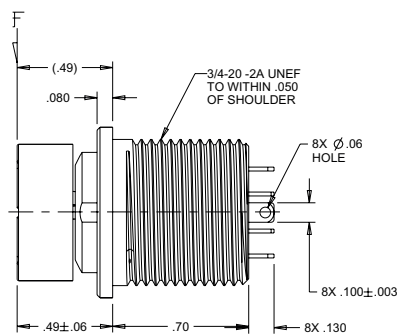
T8-T Mini Trim button styles are shown on the Button Styles page and in the appendix.

## 8-WAY MOMENTARY TOGGLE WITH TACTILE RESPONSE

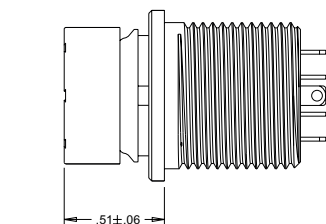
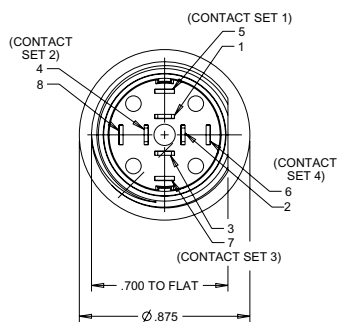
### Inverse Hat Button with Threaded Case Style



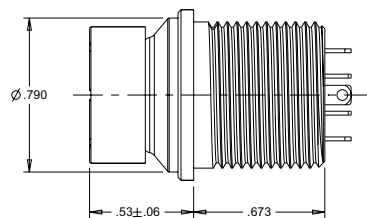
VIEW PROJECTED FROM PLANE CREATED BETWEEN POSITIONS 7 AND 5.



DRAWING VIEWS FOR SEAL LEVEL 3 (UNSEALED)

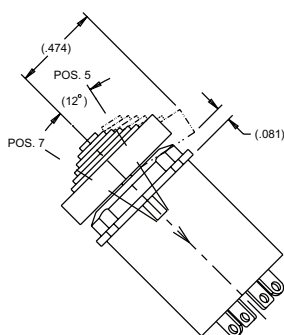


DRAWING VIEW FOR SEAL LEVEL 1 (IP64)  
(FOR FEATURES NOT DIMENSIONED SEE MAIN DRAWING VIEWS)

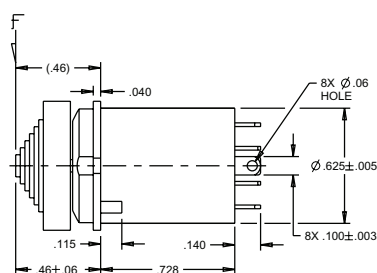


DRAWING VIEW FOR SEAL LEVEL 2 (IP68S)  
(FOR FEATURES NOT DIMENSIONED SEE MAIN DRAWING VIEWS)

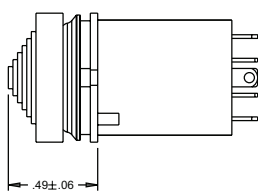
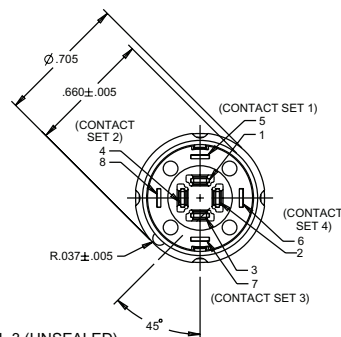
### Hat Button with Press Fit Case Style



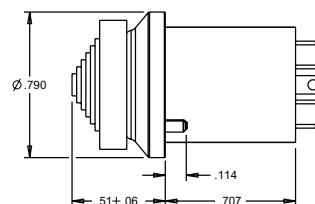
VIEW PROJECTED FROM PLANE CREATED BETWEEN POSITIONS 7 AND 5.



DRAWING VIEWS FOR SEAL LEVEL 3 (UNSEALED)



DRAWING VIEW FOR SEAL LEVEL 1 (IP6K4S)  
(FOR FEATURES NOT DIMENSIONED SEE MAIN DRAWING VIEWS)



DRAWING VIEW FOR SEAL LEVEL 2 (IP6K8S)  
(FOR FEATURES NOT DIMENSIONED SEE MAIN DRAWING VIEWS)

BUTTON POSITION/SWITCH ACTION (ALL MOMENTARY CONTACTS - ALL OTHER CONTACT SETS NOT SHOWN ARE OPEN)

| BUTTON POSITION | CONTACT SET 1 | CONTACT SET 2 | CONTACT SET 3 | CONTACT SET 4 |
|-----------------|---------------|---------------|---------------|---------------|
| 1               | 5 → 1         |               |               |               |
| 2               |               | 8 → 4         |               |               |
| 3               |               |               | 7 → 3         |               |
| 4               |               |               |               | 6 → 2         |
| 5               | 5 → 1         | 8 → 4         |               |               |
| 6               |               | 8 → 4         | 7 → 3         |               |
| 7               |               |               | 7 → 3         | 6 → 2         |
| 8               | 5 → 1         |               |               | 6 → 2         |

