

LOGIC LEVEL 4-WAY OR 4-WAY PLUS CENTER PUSHBUTTON TACTILE MINI TRIM



TK with
Molex Connector



TK with
Wire Leads

The TK Mini Trim is a tactile, 4-way, logic level, momentary contact switch with a center pushbutton option designed to fit easily in grips and control panels. The TK's shorter behind panel length is nearly 2/10" shorter than OTTO's traditional T4-T Mini Trim allowing for increased functionality and efficiency in any application.

The TK offers three panel sealing level choices: unsealed, dusttight to IP64, or watertight to IP68S.

The TK is a tactile switch which offers the operator a positive click action indicating actuation, and is ideal for grip applications in aircraft, off-road and material handling.

Features:

- Logic level, normally open
- Shorter behind panel
- Available in 2-way or 4-way and with or without center pushbutton (center off)
- Positive click action indicates actuation
- Panel sealed to IP64, IP68S or unsealed
- Wire leads or Molex connector
- RoHS compliant

Standard Characteristics/Ratings:

ELECTRICAL RATINGS:

Load	Rating
Resistive	50mA max @ 12VDC
Electrical Life:	1,000,000 cycles
Mechanical Life:	1,000,000 cycles
Seal:	IP64, IP68S or unsealed
Operating Temp Range:	-40°C to +85°C
Operating Force:	1.0 lb. +/- 0.5 lb.
Total Travel Angle:	18° +/- 4°
Pushbutton Operating Force:	1.5 lb. +/- 0.5 lb.
Total Pushbutton Travel:	.05 lb. +/- .02 lb.
Max. Allowable Force:	22 lbs. in any direction
MATERIALS:	
Case:	Thermoplastic, black
Button:	Thermoplastic
Bellows:	Black silicone
Connection:	Connector or wire leads
Mounting Hardware:	Hex nut

TK MINI TRIM PART NUMBER CODE

Series	Function	Button Style	Case Style	Panel Seal Level	Connection	Button Color*
TK. Tactile	2. 2-Way (Center OFF) 3. 2-Way with Center Pushbutton 4. 4-Way (Center OFF) 5. 4-Way with Center Pushbutton	A. 2-Way Jog** B. Tall Jog** C. Rocker** D. Cone E. LRUD Hat*** F. IOUD Hat*** G. Hat	H. Stadium J. Castle K. 4-Way Jog L. Inverse Hat M. Tall Hat N. Short Hat P. Rotated Stadium	4. Threaded	1. Unsealed 2. IP64 3. IP68S	1. Molex Connector 53398-0671 2. Wire Leads, 26 SAE, UL 1213

** Only available with Functions 2 and 3

*** Not available with Functions 2 and 3

* Contact factory for additional button colors.

TK Mini Trim Button Styles are shown on the Button Styles page and in the appendix.

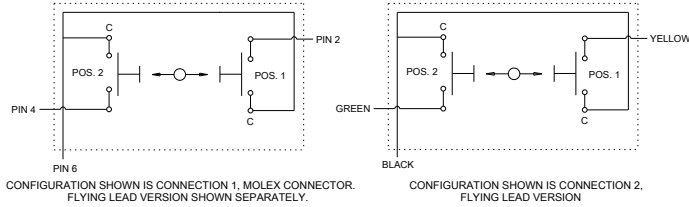
SHORTER, LOGIC LEVEL TACTILE MINI TRIM

TK
TACTILE MINI
TRIM SWITCHES

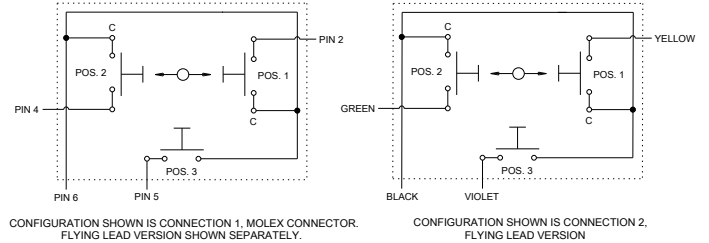
LOGIC LEVEL 4-WAY OR 4-WAY PLUS CENTER PUSHBUTTON TACTILE MINI TRIM

TK SERIES SCHEMATICS

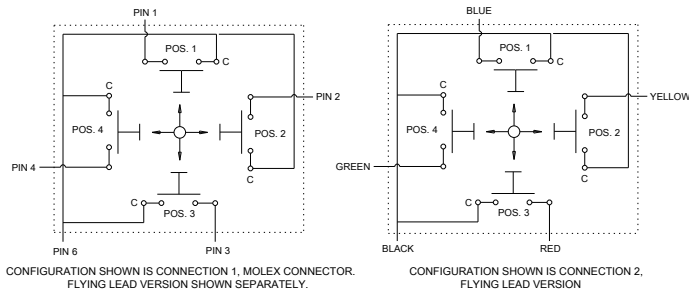
TK-2-WAY SCHEMATICS



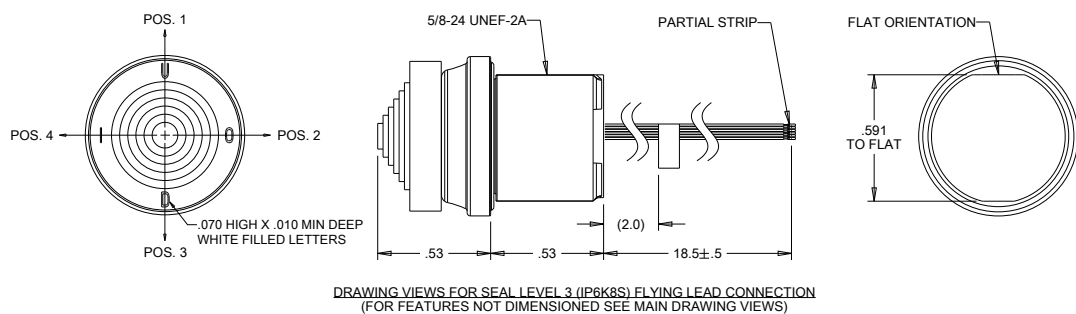
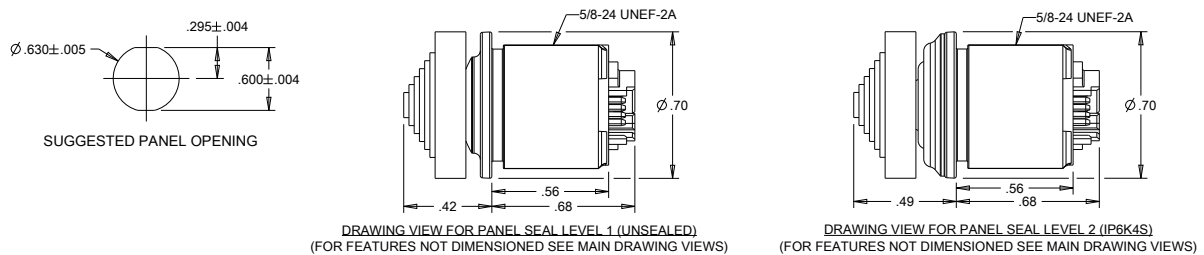
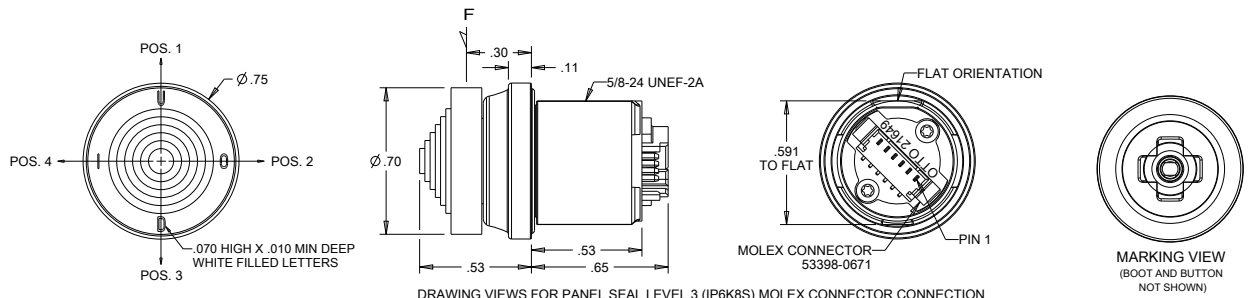
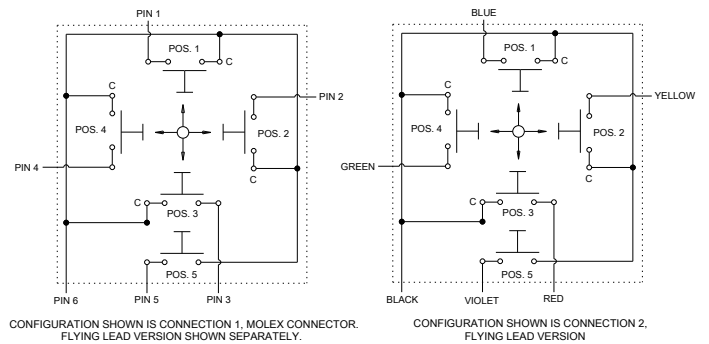
TK-2-WAY WITH CENTER PUSHBUTTON SCHEMATICS



TK-4-WAY SCHEMATICS



TK-4-WAY WITH CENTER PUSHBUTTON SCHEMATICS



TK Mini Trim Button Styles

A – 2-WAY JOG 	B – TALL JOG 	C – ROCKER
D – CONE 	E – LRUD HAT 	F – IOUD HAT
G – HAT 	H – STADIUM 	J – CASTLE
K – 4-WAY JOG 	L – INVERSE HAT 	M – TALL HAT
N – SHORT HAT 	P – STADIUM ROTATED 	

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