SERIES 04JT
Joystick with Tactile Feel

FEATURES
• Dynamically sealed against contamination to IP67 when properly mounted
• Available in front panel mount
• RoHS compliant
• High life (250,000 Operational Cycles)
• Short behind panel length (0.689”)

DESCRIPTION
Series 04JT is a single pole, 4-way toggle switch with a tactile feel. 4-way contact is made in the opposite direction of travel.

DIMENSIONS in inches (and millimeters)

ELECTRIC & MECHANICAL RATINGS
Lower Level Rating: 10mA (max) Resistive @ 5VDC
Contact Resistance: 50mΩ (max)
Operating Temperature: -55°C to +85°C
Operational Life: 250,000 cycles
Insulation Resistance: 10,000M ohms
Toggle Lever Travel: 12° from center (max)
Toggle Operating Force: 16 oz ± 6 oz initial
Toggle Pivot & Stop Strength: 25 lbs. (max)

Mechanical Shock: per MIL-STD-810, procedure I, method 516.4
Immersion: per MIL-PRF-8805, sealed to IP67
Moisture Resistance: per MIL-DTL-9419
Vibration: per MIL-DTL-9419G, Method 4.7.11
Terminal Strength: Over 30 lbs. for 1 minute, per MIL-DTL-9419G, Paragraph 4.7.6
Altitude: Up to 60,000 ft per MIL-DTL-9419G, Paragraph 4.7.16
Solderability: per MIL-DTL-9419G, Paragraph 4.7.19

MATERIALS & FINISHES
Cap: Thermoplastic (black, cone-shaped cap is gray)
Bushing: Aluminum alloy (black chrome finish)
Contact Terminals: 1/2 hard brass (gold over silver over nickel plating)
Hex Nut: Aluminum alloy (black chrome finish)
O-Ring: 50 durometer fluorosilicone

CIRCUITRY

Available from your local Grayhill Distributor.

For prices and discounts, contact a local sales office, an authorized local distributor or Grayhill.

Grayhill Series Number
Version:
A = front panel
Connection:
P =PCB mount

Current: 2 = standard
Keycap Color: 0 = black; 1 = gray
Keycap Shape:
T = stadium

POS 4
POS 3
POS C
POS 1
POS 2

* Contact made opposite direction of travel