



**ELECTRICAL**

- APPLIED VOLTAGE----- 5V DC±10%
- LINEARITY (INDEPENDENT)----- ±3.0%-FS
- LOAD RESISTANCE----- 10K OHM MIN. RECOMMENDED
- LEVER ELECTRICAL ANGLE----- X&Y ±17° (APPROX. 34°)
- INSULATION RESISTANCE----- OVER 1000 MEGA OHMS @ 500VDC.
- DIELECTRIC STRENGTH----- 1 MINUTE AT 500 VAC
- EMS DURABILITY----- 100V/m (80MHZ ~ 1 GHZ 1KHZ SINE-WAVE 80%AM)
- EFFECTIVE OUTPUT----- 0.5V ~ 4.5V

**MECHANICAL**

- RANGE OF OPERATING LEVER----- ±17° FROM CENTER
- OPERATING FORCE----- APPX. 3.6 ~ 9 OZ.IN FORCE
- OPERATING TEMPERATURE----- -20°C TO +60°C
- LIFE EXPECTANCY----- 2 MILLION OPERATIONS
- SHOCK----- 294 m/S\*S
- VIBRATION----- 10- 55 Hz 98m/S\*S

**MATERIALS**

- HOUSING----- HIGH TEMP. THERMO PLASTIC
- INGRESS PROTECTION----- IP54



NOMENCLATURE  
J25HM-XY-U-S-0

No. OF SWITCHES. (1 POSSIBLE)  
OUTPUT TYPE  
PANEL MOUNTING

JOYSTICK SERIES

**OUTPUT TYPE**

TYPE S : SINGLE OUTPUT TERMINAL A (TERMINAL B IS NC)

TYPE X: DUAL OUTPUT, CROSS

TYPE P: DUAL OUTPUT, PARALLEL



DATE: 8-10-16

BY: AT

APPR'D

SCALE: NONE

CODE IDENT: 19477

1954 KELLOGG AVE. CARLSBAD, CA 92008 (760)-929-0749 ETISYSTEMS.COM

HALL EFFECT MINI-JOYSTICK

J25HM

PART NO.

TITLE