TBM
JOYSTICK CONTROLLER
LEVER RESET TYPE

DATE: SEPT. 1. '05.

NAME OF CUSTOMER: Deltron UK LTD.
YOUR PART No.: 5
SPEC. NO.: TC - 1314 7
TBM MODEL: TX - 26PRR
DIMENSIONS: STD - 26 03 AR
APPROVED: NOV. 25. '05.

7 ELECTRICAL CHARACTERISTICS

7.1 Total resistance: \(10\ \text{Kohms} \pm 20\%\)
7.2 Resistance taper: B Taper, \(40\sim 60\%\) at the Lever vertical position.
7.3 Power rating: \(0.1\ \text{W}\)
7.4 Residual resistance:
   between terminal 1 and 2: less than \(200\ \text{ohms}\)
   between terminal 2 and 3: less than \(200\ \text{ohms}\)
7.5 Sliding noise: less than \(200\ \text{mV}\) (JIS method)
7.6 Insulation resistance: more than \(50\ \text{Mohms at 500V DC}\)
7.7 Withstanding voltage: 1 minute at \(500\ \text{V AC}\)
7.8 Effective electrical angle: \(45^\circ \pm 5^\circ\)
7.9 Tracking error: \(\pm 2\ \text{db max. at the center position. (VR1 ~ VR2)}\)

8 MECHANICAL CHARACTERISTICS

8.1 Lever movement angle: \(60^\circ \pm 5^\circ\)
8.2 Operating force: \(80\ \text{mN} \cdot \text{m (800gf)}\) max.
8.3 Lever stopper strength: \(1\ \text{N} \cdot \text{m (10Kgf cm)}\) Min.
8.4 Lever push-pull strength: \(100\ \text{N (10Kgf)}\) Min.
8.5 Lever play angle: \(\pm 1.5^\circ\)

9 ENDURANCE
9.1 Operating life: \(300000\) cycles

10 OPERATING TEMPERATURE RANGE
10 - 1 Operating temperature range: \(-10 \sim 70 \ ^\circ\ \text{C}\)
10 - 1 Strange temperature range: \(-20 \sim 70 \ ^\circ\ \text{C}\)

11 Marking: B10KΩ

12 STANDARD: JIS C6443

13 REMARKS
13.1 Resistance to soldering heat is 3 sec at 300°C
13.2 Mounting shassis is less than 0.5 N (5 kgf cm)
13.3 This VR conforms to a RoHS instruction controlled substance.

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