

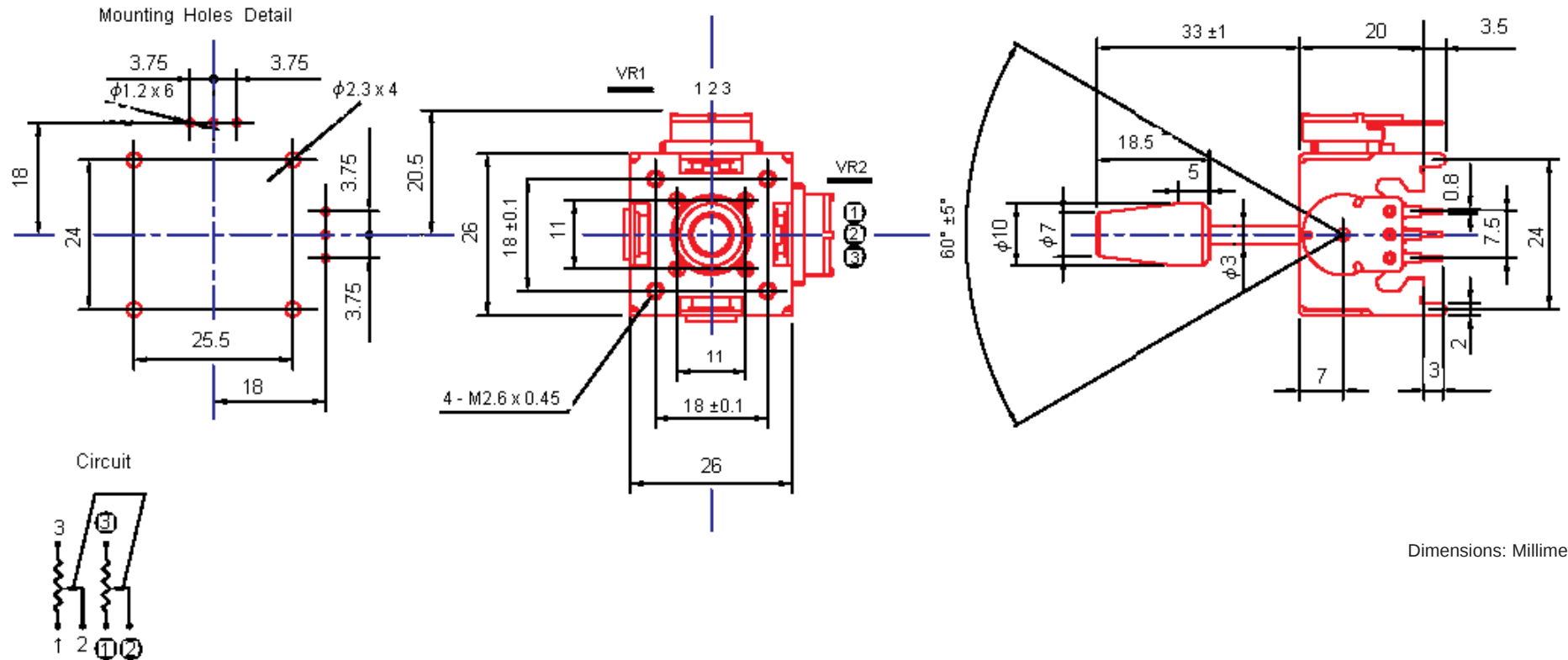


PART NO.

STD-2607AR

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Venkat	17/4/09	Veena	17/4/09	Farnell	30/04/09



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TOLERANCES:

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DRAWN BY:

Venkat

DATE:

17/04/09

CHECKED BY:

Veena

DATE:

17/04/09

APPROVED BY:

Farnell

DATE:

30/04/09

DRAWING TITLE:

Joystick Controller - Manual Type

SIZE
A

DWG NO.

M10002126

ELECTRONIC FILE
73740_DWGREV
A

SCALE: NTS

U.O.M.: mm

SHEET: 1 OF 3



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Specifications:**Electrical characteristics:**

Total resistance : 10×2 Kohms $\pm 20\%$.
Resistance taper : B taper, 40 to 60% at the lever vertical position.
Power rating : 0.1W.

Residual resistance:

Between terminal 1 and 2 : Less than 200 ohms.
Between terminal 2 and 3 : Less than 200 ohms.
Sliding noise (JIS method) : Less than 200mV.
Insulation resistance : More than 50Mohms at 500V dc.
Withstanding voltage : 500V ac for 1 minute.
Effective electrical angle : $45^\circ \pm 5^\circ$.
Tracking error : ± 2 dB maximum at the centre position (VR1 to VR2).

Mechanical characteristics:

Lever movement angle : $60^\circ \pm 5^\circ$.
Maximum operating force : 20mNm (200gf).
Minimum lever stopper strength : 1Nm (10Kgfcmm).
Minimum lever push-pull strength : 100N (10Kgfcmm).
Lever play angle : $\pm 1.5^\circ$.

Endurance:

Operating life : 300,000 cycles.

Operating temperature range:

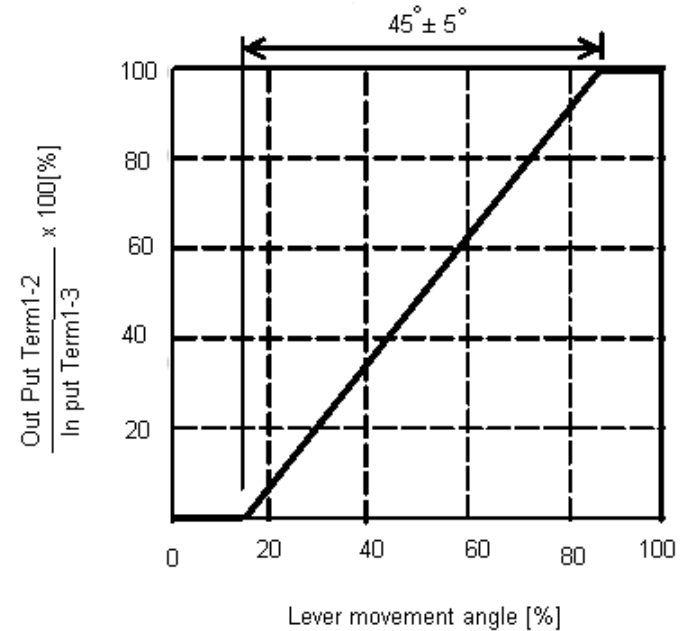
Operating temperature range : -10 to 70°C .
Storage temperature range : -20 to 70°C .

Standard

: JIS C6443

Remarks:

Resistance to soldering heat is 3 seconds at 300°C .
Mounting chassis is less than 0.5N (5kgfcmm).
This VR conforms to a RoHS instruction controlled substance.



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Part Number Table

Description	Part Number
Joystick, Absolute	STD-2607AR

<http://www.farnell.com><http://www.newark.com><http://www.cpc.co.uk>

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