

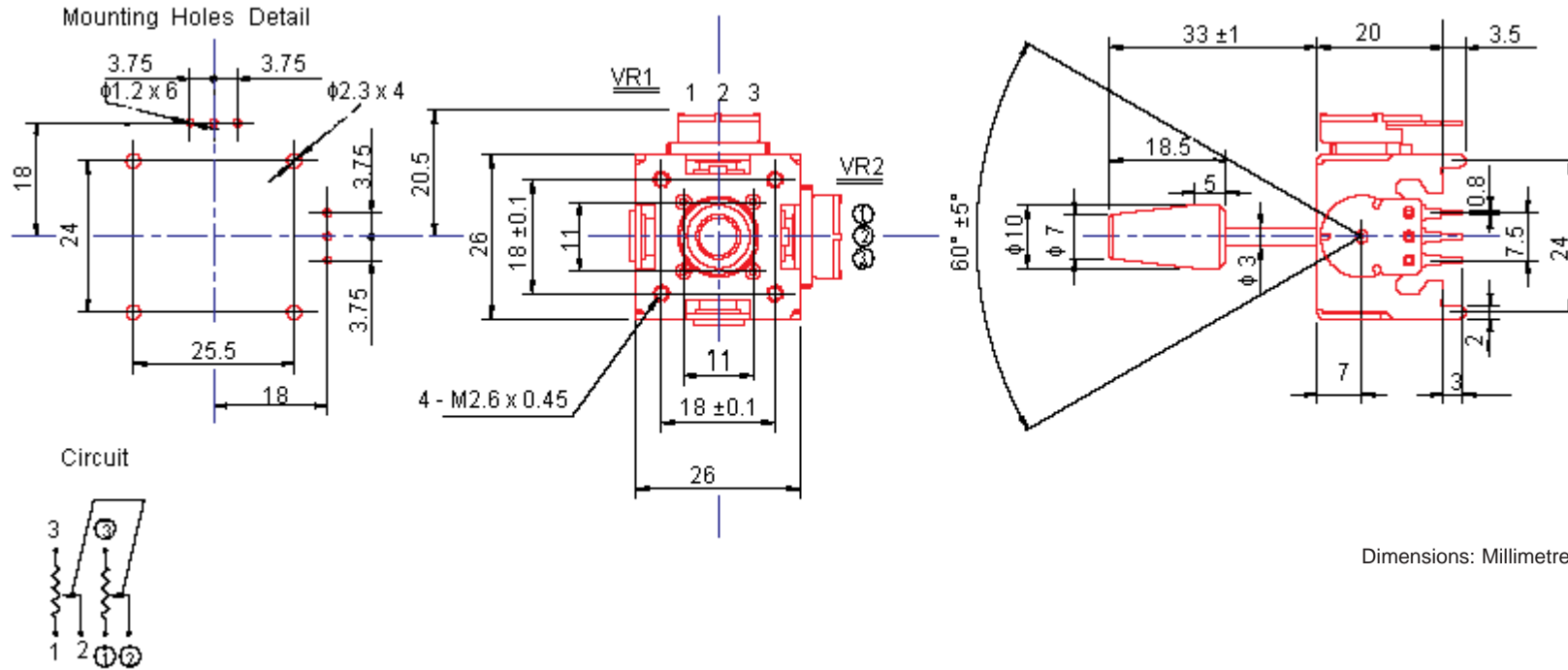


PART NO.

STD-2603AR

REVISIONS

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



Dimensions: Millimetres

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DRAWN BY:	DATE:
Venkat	17/04/09
CHECKED BY:	DATE:
Veena	17/04/09
APPROVED BY:	DATE:
Farnell	30/04/09

DRAWING TITLE:			
Joystick Controller - Lever Reset Type			
SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10002125	73741_DWG	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 : 80mNm (800gf).
- Minimum lever stopper strength : 1Nm (10KgfcM).
- Minimum lever push-pull strength : 100N (10KgF).
- Lever play angle : $\pm 1.5^\circ$.

Endurance:

- Operating life : 300,000 cycles.

Operating temperature range:

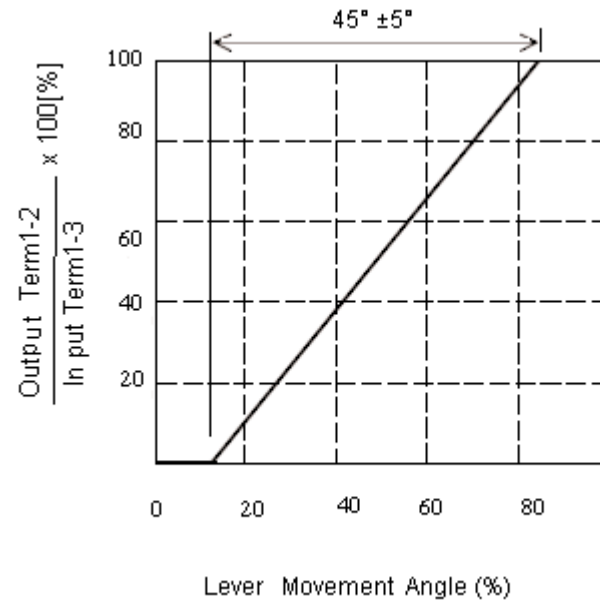
- Operating temperature range : -10 to 70°C.
- Storage temperature range : -20 to 70°C.

Standard

: JIS C6443

Remarks:

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



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DRAWING TITLE:

Joystick Controller - Lever Reset Type

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A	M10002125	73741_DWG	A
SCALE: NTS	U.O.M.: mm	SHEET: 2 OF 3	



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Part Number Table

Description	Part Number
Joystick, Self Centering	STD-2603AR

<http://www.farnell.com>

<http://www.newark.com>

<http://www.cpc.co.uk>

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SCALE: NTS		U.O.M.: mm	SHEET: 3 OF 3