

Type: **EWVYE/YK/YM**

■ Recommended Applications

- Temperature/blower control or mode switching for car air conditioners
- Volume control for car audio equipment

1	2	3	4	5	6	7	8	9	10	11	12
E	W	V	Y								
Product Code			Type			Design No.			Taper & Resistance		

Mechanical	Rotation Angle	300 °
	Rotation Torque (Detents Torque)	15 mN·m to 50 mN·m
Electrical	Nominal Total Resistance	10 kΩ (Tolerance ±20 %)
	Taper	B
	Power Rating	0.1 W
	Residual Resistance	100 Ω max.
	Insulation Resistance	50 MΩ min. (250 Vdc)
	Linearity	±3 % max.
	Dielectric Withstand Voltage	250 Vac for 1 minute
	Noise Level	47 mV max.
Endurance	Operating Life	30000 cycles min.
Minimum Quantity/Packing Unit		50 pcs. (Tray Pack)
Quantity/Carton		250 pcs.

Technical drawing of a PWB mounting bracket showing three views: top, side, and cross-section Y-Y.

Top View:

- Outer diameter: 39.3 ± 0.3
- Inner diameter: $\phi 27.5 \pm 0.2$
- Mounting hole diameter: $4 \times \phi 10.8 \pm 0.15$
- Central hole diameter: $\phi 20 \pm 0.5$
- Flange thickness: 3.26 ± 0.3
- Flange width: 3 ± 0.2
- Flange angle: $45^\circ \pm 3^\circ$
- Flange radius: $4 \times R13$
- Flange hole radius: $R10.6 \pm 0.3$
- Flange hole pitch: $2 \times R12.5 \pm 0.3$
- Flange hole diameter: 2.6 ± 0.3
- Flange hole position: $2.1.3 \pm 0.2$
- Flange hole diameter: $2.1.2 \pm 0.6$
- Flange hole diameter: 1.2 ± 0.3
- Flange hole diameter: 3 ± 0.2
- Flange hole diameter: 4 ± 0.2
- Flange hole diameter: 13
- Flange hole diameter: 20.8

Side View:

- Bracket thickness: 3.5
- Bracket height: 17.5
- Bracket width: 8
- Bracket width: 2.2
- Bracket width: $2.3.5$
- Bracket width: 2.2 ± 0.1
- Bracket width: 2.3 ± 0.2
- Bracket width: 4.8
- Bracket width: 9
- Bracket width: 19.7 ± 0.35
- Bracket width: 0.3 ± 0.1
- Bracket width: $2.2.5 \pm 0.15$
- Bracket width: 2.4 ± 0.2
- Bracket width: 2.2
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