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[EVL-HFAA01B53](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Panasonic

Rotary Potentiometers/EVLH

Compact Thumb-wheel Driving Rotary Potentiometers

Type: **EVLH**

- Features
- Dustproof molded structure
- Wave-soldering available
- Custom-designed thumb wheels available



- Recommended Applications
- Radios, Headphone Cassette Tape Players,
Micro-cassette Tape Recorders
- LCD screen TVs, VCRs
- Contrast control for LCDs

■ Explanation of Part Numbers

1	2	3	4	5	6	7	8	9	10	11	12
E	V	L	H	Specifications			Wheel Shape			Taper & Resistance	
Product Code			Specifications			Wheel Shape			Taper & Resistance		

■ Specifications

Mechanical	Rotation Angle	260 °					
	Rotation Torque	0.5 mN·m to 6 mN·m					
	Shaft Stopper Strength	60 mN·m min.					
	Detent	Center detent available					
Electrical	Nominal Total Resistance	1 kΩ to 250 kΩ (Tolerance ±20 %) 1 kΩ to 500 kΩ (B) (Tolerance ±20 %)					
	Taper	Measuring method	Voltage between T1 & T2 Voltage between T1 & T3				
		EIAJ	×100(%) At 50 % of effective rotation				
		Panasonic	EVLH				
		15A	10 to 25				
		1B	40 to 60				
		15C	10 to 25*				
		10A	6 to 15				
		*Angle from terminal 3 side. ($\frac{\text{Voltage between T2 & T3}}{\text{Voltage between T1 & T3}}$ ×100 (%))					
	Power Rating	0.03 W (Taper B), 0.01 W (Others)					
Residual Resistance	Taper & Terminal R=Nominal Total Resistance	A-B-D : T1 & T2 B-C : T2 & T3	A-D : T2 & T3 C : T1 & T2				
		R ≤ 50 kΩ	2 Ω		25 Ω		
		50 kΩ < R ≤ 250 kΩ	25 Ω		50 Ω		
		250 kΩ < R ≤ 500 kΩ	100 Ω		100 Ω		
	Noise Level	100 mV max.					
Endurance	Operating Life	10000 cycles min.					
Minimum Quantity/Packing Unit		100 pcs. Polyethylene Bag (Bulk)					
Quantity/Carton		4000 pcs.					

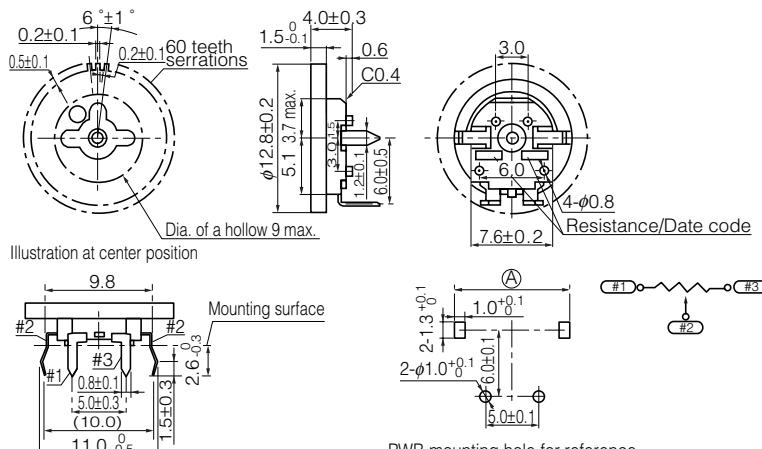
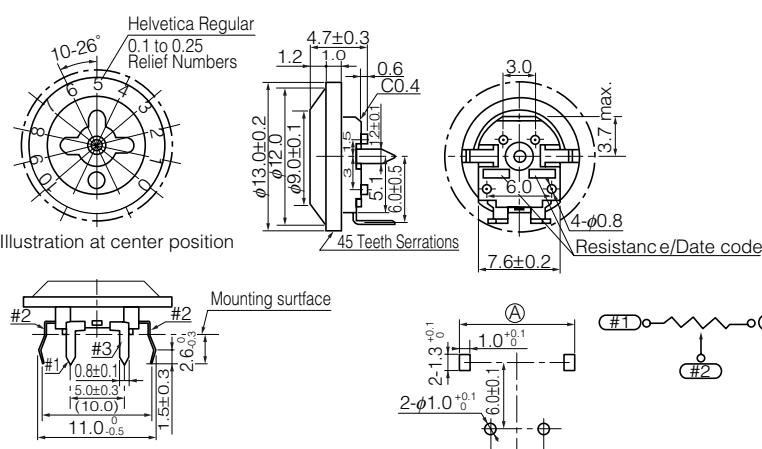
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■ Dimensions in mm (not to scale)

● 7 mm Dia. Single

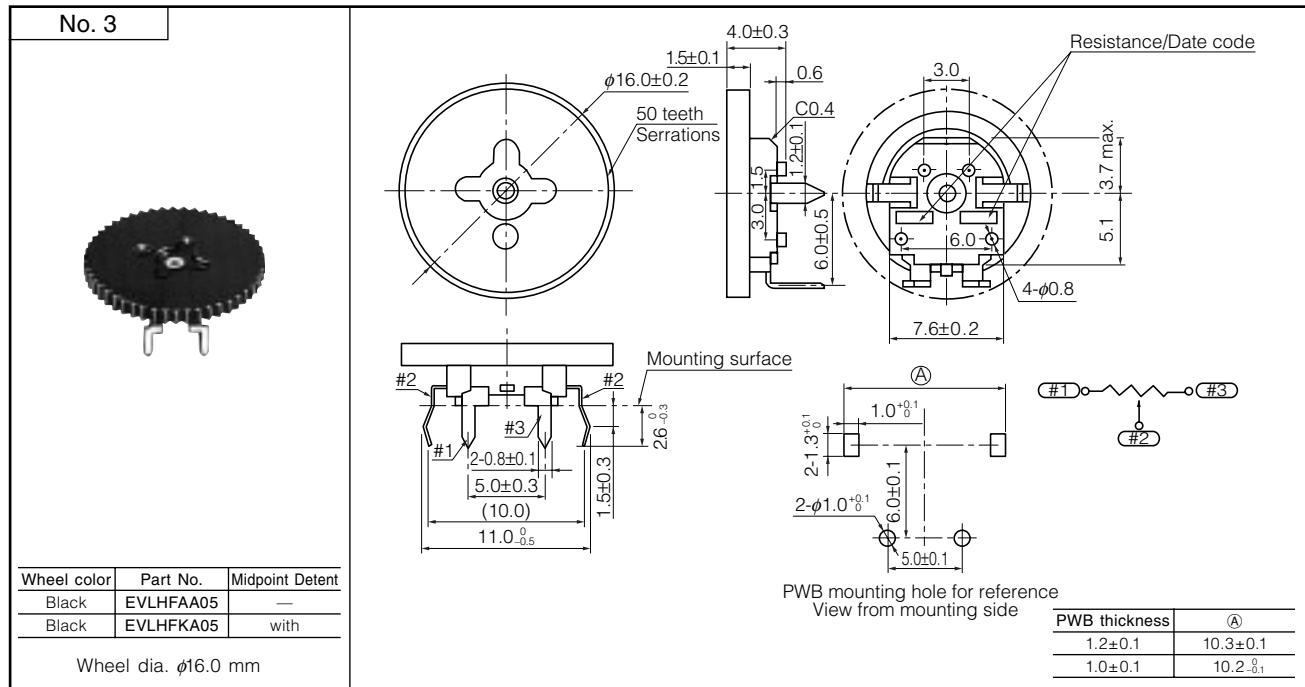
Pre-coupled wheel EVLH

No. 1																				
		 <p>Illustration at center position</p> <p>Wheel dia. $\phi 12.8$ mm</p>																		
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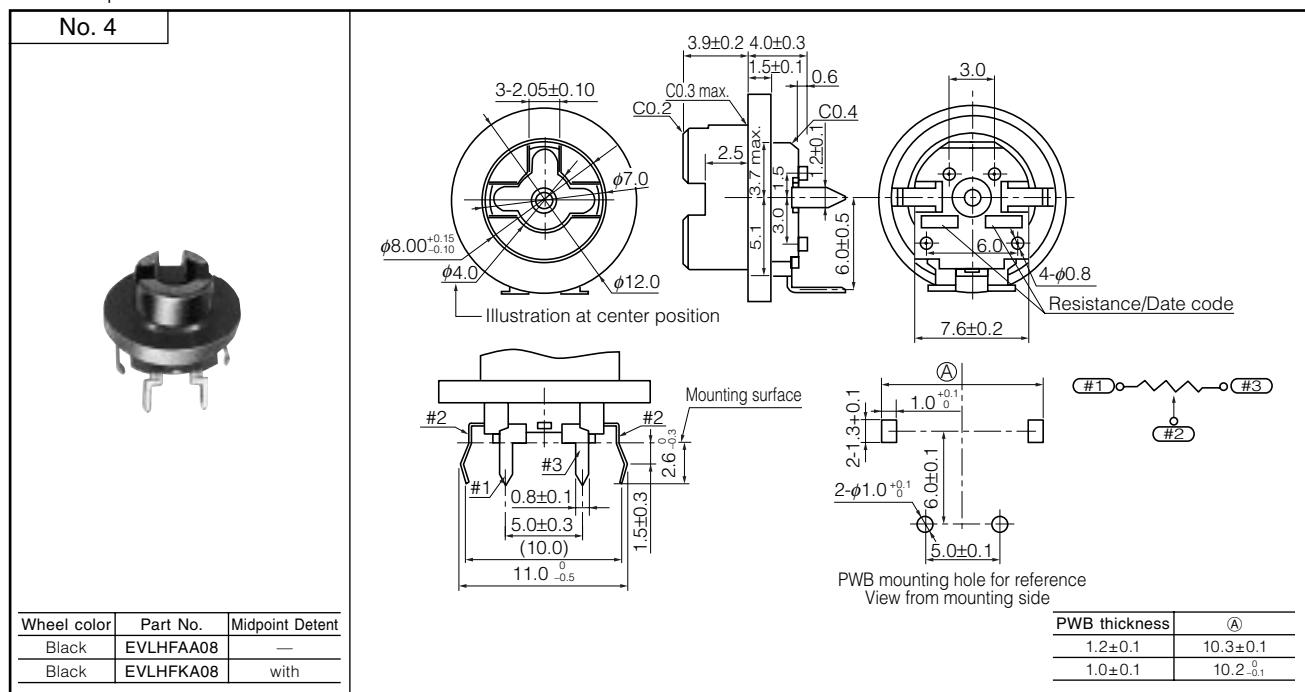
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Pre-coupled wheel



Post-coupled wheel



No. 5

In-line terminal type is also available.

(EVLHCAA09)

(EVLHCKA09) with midpoint detent

