Compact Thumb-wheel Driving Rotary Potentiometers

Japan

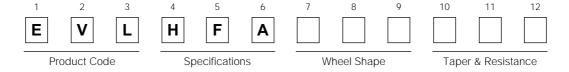
Type: **EVLHFA**

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



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

■ Explanation of Part Numbers

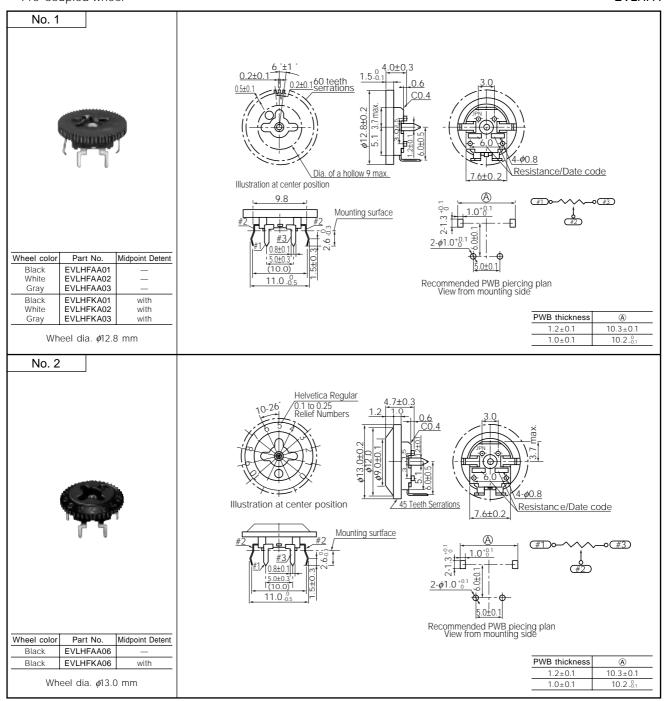


■ Specifications

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 k Ω to 250 k Ω (Tolerance ±30 %) 1 k Ω to 500 k Ω (B) (Tolerance ±30 %)			
	Taper	Measuring method Voltage between T1 & T2 Voltage between T1 & T3 ×100(%) At 50 % of effective rot		100(%) At 50 % of effective rotation	
		EIAJ	EIAJ Panasonic EVLHFA		IFA
		15A	Α	10 to 25	
		1B	В	40 to 60	
		15C	С	10 to 25*	
		10A	D	6 to 15	
		*Angle from terminal 3 side. (Voltage between T2 & T3 Voltage between T1 & T3			
	Power Rating	0.03 W (Taper B), 0.01 W (Others)			
	Residual Resistance	Taper & Termina 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
		$50 \text{ k}\Omega < R < 250 \text{ k}\Omega$			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.				
Quantity/Carton 4000 pcs.					

- Dimensions in mm (not to scale)
- 7 mm Dia. Single

Pre-coupled wheel —————————————————EVLHFA



Black

Wheel color

Part No.

EVLHFAA08

Midpoint Detent

EVLHFKA05 Wheel dia. \$\phi\$16.0 mm PWB thickness

PWB thickness

1.2±0.1

10.3±0.1

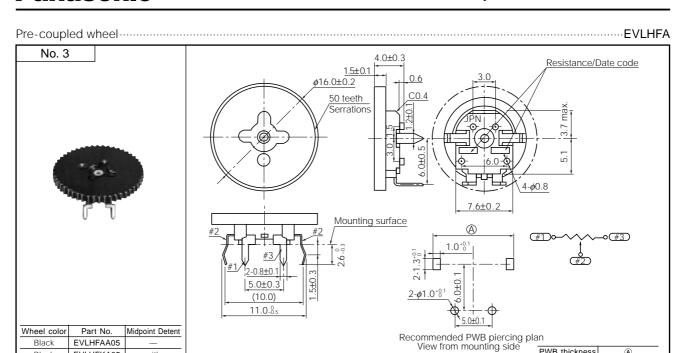
10.2-8

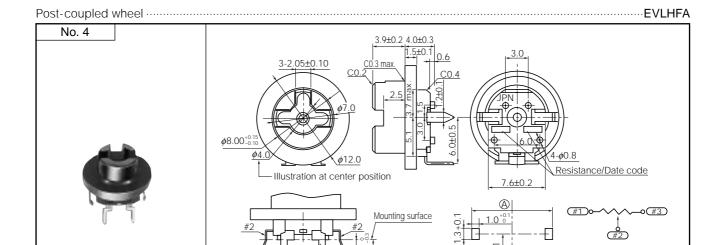
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Recommended PWB piercing plan View from mounting side

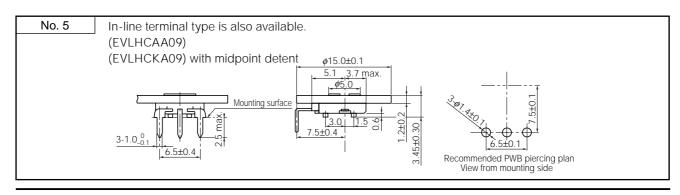
 $2-\phi 1.0$

10.2-0.1





5±0



0.8±0.1

5.0±0.3 (10.0)

11.0 -0