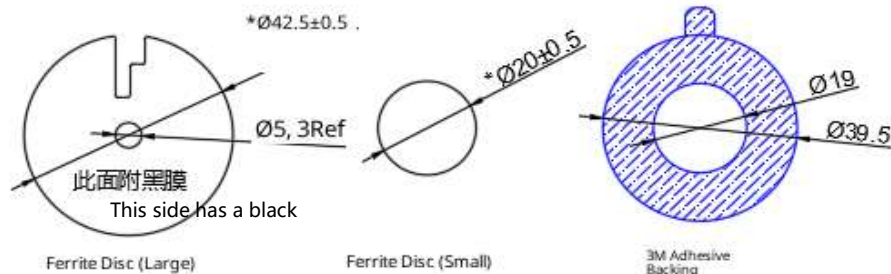


PH-WI-01

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NO	Date	Drawing Revision/Version	Description Changes	Modify Revision	Confirm Confirmed
1	May 27, 2026	A0	First Issue (Sample)	Cai	Liu
2	June 13, 2026	A1	Add a layer of high-temperature adhesive to the lead-in wires and the coil body Belt (Mass Production)	Cai	Liu

Characteristics: Test conditions (Temperature: 25±2°C, Humidity 65±10%)

No.	Performance	Test Conditions	Standard	Remarks
1	Ls	100 kHz/1 V	8.3 uH ±10%	
2	DCR	@25°C	80 mΩ Max	
3	Q-factor	100 kHz/1 V	60 min	

Material Specifications:

No.	Part Name	Specifications/Model	Part Number/Remarks
1	Stranded Wire	0.08*65P*11TS	
2	Ferrite Hard Disc	$\varnothing 42.5 \times 5.3 \times T0.5$, L-shaped single slot	Black film applied to front
3	Ferrite Hard Disc	$\varnothing 20 \times T0.8$	
4	3M adhesive backing	$\varnothing 39.5 \times 19 \times T0.05$	
5	Standard adhesive backing	$\varnothing 18 \times T0.05$	
6	Structural adhesive	SH-8536	
7	High-Temperature Adhesive Tape	2.0 × 0.05	
8	Sleeve	$\varnothing 1.0 \times 8.0$	Ultra-thin 0.15 mm
9	High-Temperature Solder	High-temperature lead-free solder	

IV. Technical Requirements:

- Dimensions marked with "*" in the drawing are for IQC incoming inspection;
- Packaging method: Packed in foam trays (7 pcs/compartment, 280 pcs/tray, 3 trays/box);
(40-cell pearl cotton tray, shipping box: 40.5 × 28 × 20 cm)
- The product surface must be free of defects such as oil stains, scratches, excess adhesive, cold solder joints, warping, or deformation;
- Materials must comply with ROHS 2.0 and REACH HF requirements;
- Materials may not be changed without prior confirmation from Penghao Company.
- Only radiated measurements are used to show compliance with FCC limits for fundamental and spurious emissions.



Dongguan Penghao Electronics Co., Ltd.

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PH Number Item No.: PHQWT006	Unit Unit: mm	Rev Version: A1	Scale Scale: 1:1	Customer Name Customer Name: QW
Designed Drawing: Li Xiufu	Description Description:	Project Name: Project Name: JP399PRO		
Checked Reviewed: [Signature]	Process Process:	Product Code Project Code: PC-EC260101		
Checked Reviewed by: Wang Min	Third Angle Third Angle:	Material Code Material Code: WDZL-6.8UH-JP399PRO-2		