

# PRODUCT SPECIFICATION



Specification Num	20240822003
Effective Date	2024/8/22

Customer	SHENZHEN YONGMAN TECHNOLOGY CO., LTD
Product Type	8346
Huiboya P/N	20240822003-9T-L=50MM
Customer P/N	

[  New Release ,  Revision ] 【 This specification contains 3 pages including table of contents and figures.

✓

Prepared By	Reviewed By	Approved By
shufangxiao	yongpeng	huizhu

Shenzhen Yongman Digital Co., LTD

Customer must return the signed approval form within 30 days of receipt. Failure to respond shall constitute unconditional acceptance of all specifications for production purposes.

## 【Customer Sign-off】

Date:

Approval Status: Full Approval Conditional Approval Rejection

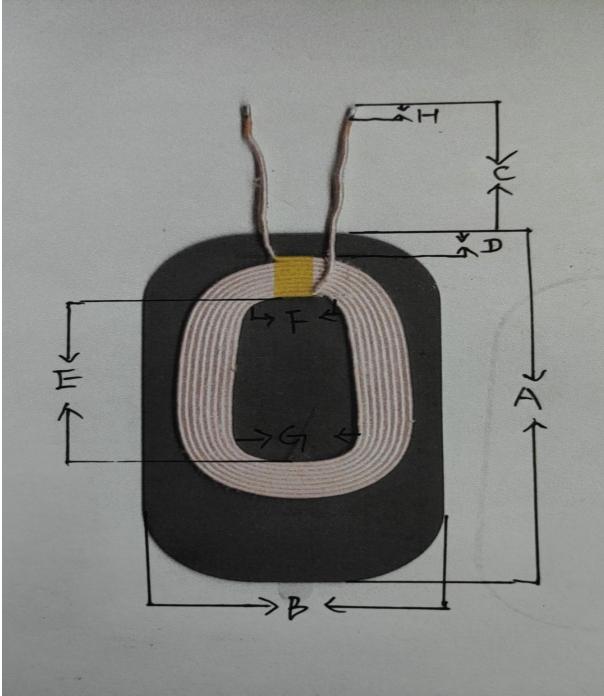
Approval	Review	Re-inspection	Audit

Illustration:

# PRODUCT SPECIFICATION

Customer	Shenzhen Yongman Technology Co., Ltd	Customer P/N	
P/N	20240822003-9T-L=50MM	Specification No.	20240822003
Issue/Revision Record			
Rev.	Effective Date	Change Description/Reason	Approval
003	2024/8/22	New Specification Release	
Prepared By		Reviewed By	Approved By
shufangxiao		yongpen	huizhu

# PRODUCT SPECIFICATION

Customer	Shenzheng Yongman Technology CO., Ltd																						
P/N	20240822003-9T-L=50MM	Specification No.	20240822003	Version	003																		
<b>◆ Dimensional Specifications</b>					(Unit: mm)																		
					<table border="1"> <tr><td>A</td><td>83.0 ±1</td></tr> <tr><td>B</td><td>46.0 ±1</td></tr> <tr><td>C</td><td>50.0 ±1</td></tr> <tr><td>D</td><td>6.0 ±1</td></tr> <tr><td>E</td><td>39.0 ±0.5</td></tr> <tr><td>F</td><td>15.5 ±0.5</td></tr> <tr><td>G</td><td>19.0 ±0.5</td></tr> <tr><td>H</td><td>3.0 ±1</td></tr> <tr><td></td><td></td></tr> </table>	A	83.0 ±1	B	46.0 ±1	C	50.0 ±1	D	6.0 ±1	E	39.0 ±0.5	F	15.5 ±0.5	G	19.0 ±0.5	H	3.0 ±1		
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H	3.0 ±1																						
<p>Notes:</p> <p>(1)Wire: 0.08mm Ø, 105-strand Enameled Litz Wire</p> <p>(2)Turns: 9 Turns (9T)</p> <p>(3)Lead/Tail Wire: Crossed Configuration</p> <p>(4)Ferrite Sheet: Double-sided Adhesive Tape on Bottom</p>																							

## ◆ Electrical Characteristics:

Parameter	Spec	Test Condition	Tester
LO	6.8 ±10% μH	100KHz/1V	■TH1816B
Q	>49 min	100KHz/2V	■CH-502BC
DCR	<45 mΩ	@ 25°C	■CH-502BC

## ◆ Temperature Rating:

Operating Temperature	-40°C~ 125°C
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## Bill of Materials (BOM):

Item	Component	Specification	Source Supplier	Supplier Note
1	Ferrite Sheet	8346*0.8		PC40 Mn-Zn Ferrite Material
2	Enameled Copper Wire	0.08*105P		Standard Acetone-Resistant Wire
3	High-Temp Tape	6MM		Eco-Friendly Adhesive Tape
4	Solder Wire	107H		Eco-Friendly Solder Alloy
5	Adhesive	Double-Sided Tape		

Prepared By	Reviewed By	Approved By
shufang Xiao	yong Peng	hui Zhu