

Shenzhen Zejin Chuangke Electronics Co., Ltd

Shenzhen Futian District New Asia Electronic Market Phase 1 3C032

Sample Approval Form

Customer Name: Global Express

Customer Part Number: 10*35-160UH

Product Name: Magnetic Rod Inductor

Part Number: R1035-160uH

date: 2025-11-9

Signature column	
formulate	approve
<i>Chen Xue</i>	<i>Ma Zhongcheng</i>

Customer Confirmation Column	
Confirm	approve
<i>Ma Yu</i>	<i>Yuan Ying</i>

Customer Name: Global Flying Spur
Customer part number: 10*35-160UH
date: 2025-11-9

Product Name: Magnetic rod inductor
Part Number: R1035-160uH
Version.: A/0

Change Resume

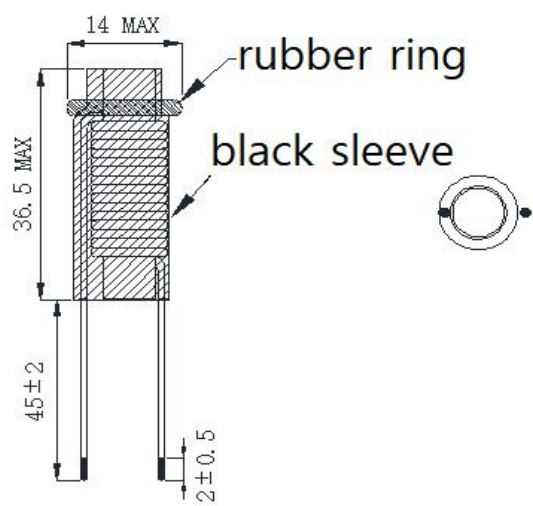
Project	Date	Revision Notes	edition	Date of Issue	make	Approval
	2025-11-9					

Approval	Review	formulate
<i>Mazhongcheng</i>	<i>Zuhui</i>	<i>Chen Xue</i>

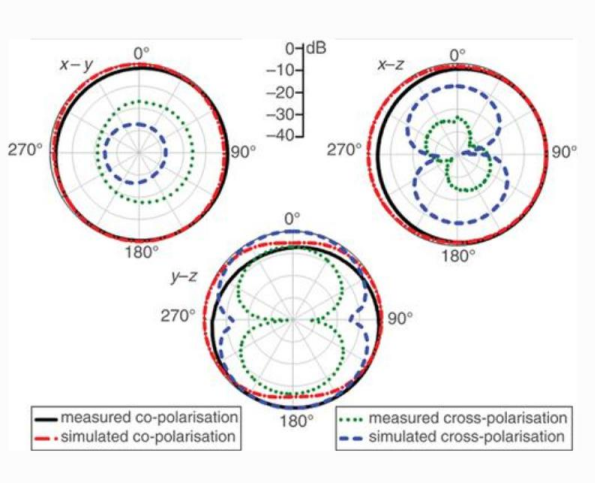
Customer Name: Global Flying Spur
Customer part number: 10*35-160UH
DDate: 2025-11-9

Product Name: Magnetic rod inductor
Part Number: R1035-160uH
Version.: A/0

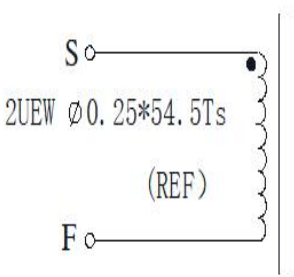
1. Appearance drawing (unit: mm)



2. Circuit diagram:



3. antenna gain:



Freq (kHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
124	-57	-47	0.002
125	-56	-46	0.0025
126	-57	-47	0.002

Process description:

- 1. The winding should be smooth, and the copper wire should not have any crossing, knotting, or peeling.
- 2. Finished jacket with UL heat shrink black sleeve.
- 3. Secure the top with a rubber ring (as shown in the picture)
- 4. Antenna gain data and test frequency points

Approval	Review	formulate
Mazhongcheng	Zuhui	Chen Xue

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Customer part number: 10*35-160UH
DDate: 2025-11-9

Product Name: Magnetic rod inductor
Part Number: R1035-160uH
Version.: A/0

Test Project:

1. Inductance: (1KHz, 0.25V)

L (S-F): 160uH±10%

2. DCR(@25℃)

R(S-F): Ω MAX

4. insulation resistance: (AC 50/60Hz)

DC500V 100MΩ MIN PRI TO SEC WINDING-CORE

5. Material Details:

NO.	Material Name	Material/ specifications	Supplier	UL No.
1	CORE	R10*35 magnetic rod	DMEGC	N/D
2	WIRE	2UEW 155℃	DONG GUAN YIDA INDUSTRIAL CO., LTD.	E344055
3	TUBE	UL TUBE	Dongguan Quantai Industrial Co., Ltd	E227336
4	SOLDER	LEADFREE Sn9. 7/0. 3Cu	Dongguan Xida Solder Products Co., Ltd	N/D
5	rubber ring			
6				
7				

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	Approval	Review	formulate
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Test Report

Customer Name: Global Flying Spur
Customer part number: 10*35-160UH
DDate: 2025-11-9

Product Name: Magnetic rod inductor
Part Number: R1035-160uH
Version.: A/0

project	L Inductance		DCR						pressure resistance		
pin	S-F		S-F						Winding magnetic core		
unit	uH		Ω								
Specifications	160										
scope	± 10%		MAX								
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
test instrument		HK1062A		test conditions	L (1KHz / 0.25V)			Test Status	TEMP.: 25℃		
		HK3250			LK (1KHZ / 0.25V)				HUMID.:80%		
		CS2670									
					Approval		Review		formulate		
					Mazhongcheng		Zuhui		Chen Xue		