

# SPECIFICATION SHEET

## 規格圖面

**LEAD FREE**

提出年月日 Date of application

2005	12	21
(year)	(month)	(date)

CUSTOMER (客戶) **LINPO**

品名

Description: **R.F COIL**

顧客品番

CUST. Part Number:

CEC品番

CEC Part Number: **BH07-815770NP**

規格圖面提出區分 CLASSIFICATION OF SPEC. PRESENTATION. ( Tick the relevant box " ✓ ")

- 新規 New application
- 新規部品追記 New part(s) is added to accepted specification
- 即存規格圖變更 Revision of accepted specification

備考 Note

蓋上確認後,請返卻一份給我公司. Please send us the specification with acceptance stamp.

客戶受領印 (ACCEPTANCE STAMP)



高雅線圈製品有限公司  
COILS ELECTRONIC CO., LTD.

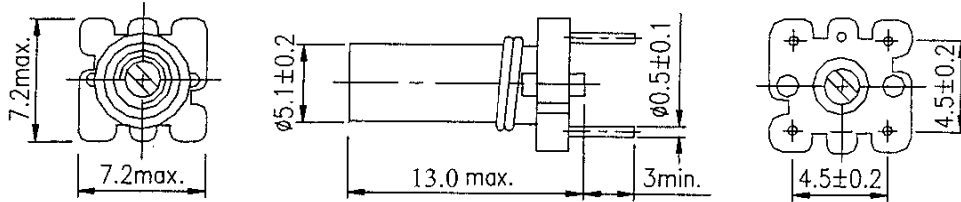
承認 APPROVAL	審查 CHECK	作成 PREPARE

**\*SPECIFICATION\***

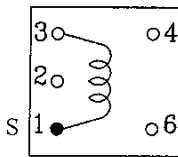
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CUSTOMER : LINPO	APPROVED BY
CUS. PART NO. :	
COILS PART NO. : BH07-815770NP	
DATE : 2005/12/21	

1. DIMENSIONS (UNIT : mm)



2. CIRCUIT



3. TURNS , WIRE AND CORE

PIN. NO.	1 - 3			
TURNS (Ref.)	1 <sup>7</sup> / <sub>8</sub> T			
WIRE	Ø0.45mm (2UEW)			
TH CORE	EM5E OR EQUIVALENT			

4. CHARACTERISTICS

ITEM	SPEC. (1 - 3)	TESTING CONDITION	MEASUREMENT INSTRUMENT
TUNING CAPACITY	54.0pF±3% Min.	100MHz	MQ-171
UNLOADED Q	65 Min.	100MHz	MQ-171
INDUCTANCE	70nH Ref.	350MHz	HP-4191

5. GENERAL CHARACTERISTICS:

- ① Core Torque : 5 ~ 150gf · cm
- ② Dielectric Strength: No abnormality at 100V D.C. for 1 minute between winding-base.
- ③ Insulation Resistance: Over 100MΩ at 100V D.C. between winding-base.
- ④ Humidity Test : Frequency (Inductance) deviation within ±0.5% (±1%)  
Deviation of Q within ±20%  
After 96±4 hours in 90~95% relative humidity at 40°C±2°C and 60 minutes drying under normal condition.
- ⑤ Temperature Test : Frequency (Inductance) deviation within ±0.5% (±1%)  
Deviation of Q within ±20%  
a. After 6 hours at -25°C±3°C and 1 hour later under normal condition.  
b. After 6 hours at 85°C±2°C and 1 hour later under normal condition.
- ⑥ Terminal Strength : No abnormality at 0.5kg for 30±5 seconds (pull and push).
- ⑦ Terminal Heat Test: No abnormality at 250°C±5°C for 5 seconds.

6. REMARKS:

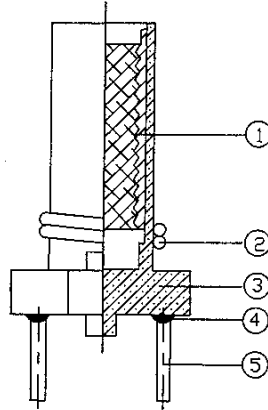
APPROVAL	CHECK	DESIGN	REVISION

**\*SPECIFICATION\***

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7. CONSTRUCTION



8. MATERIAL LIST

No.	PARTS	MATERIAL	MANUFACTURER	COUNTRY OF ORIGIN	UL No.	UL FLAME CLASS
①	SCREW CORE	FERRITE CORE EM5E OR EQUIVALENT	TONICHI FERRITE PRODUCTS CO., LTD.	CHINA	NA	NA
②	WIRE	POLYURETHANE ENAMELED COPPER WIRE	PACIFIC-THAI ELECTRIC WIRE & CABLE CO., LTD.	THAILAND	E142108	NA
			JUNG SHING WIRE CO., LTD.	CHINA	E174837	NA
③	BASE	PHENOLIC PM9820 OR EQUIVALENT	SUMITOMO BAKELIFE CO., LTD.	JAPAN	E41429	94V-0
④	SOLDER	Sn99.3-Cu0.7 OR EQUIVALENT	ALPHA METALS LTD.	CHINA HONG KONG	NA	NA
⑤	LEAD PIN	H.C.P. OR EQUIVALENT	WELL FORE SPECIAL WIRE CORPORATION	CHINA (TAIWAN)	NA	NA
	VARNISH	642 OR EQUIVALENT	P D GEORGE CO.	USA	E73015	NA

\* NA: NOT APPLICABLE.

APPROVAL	CHECK	DESIGN	REVISION