

# SPECIFICATION SHEET

## 規格圖面

**LEAD FREE**

提出年月日 Date of application  
2005 / 09 / 20  
(year) (month) (date)

CUSTOMER (客戶) **MARITEX**

品名  
Description: **R.F COIL**

顧客品番  
CUST. Part Number:

CEC品番  
CEC Part Number: **BKH7-877402NP**

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)

 高雅線圈制品有限公司  
COILS ELECTRONIC CO., LTD.

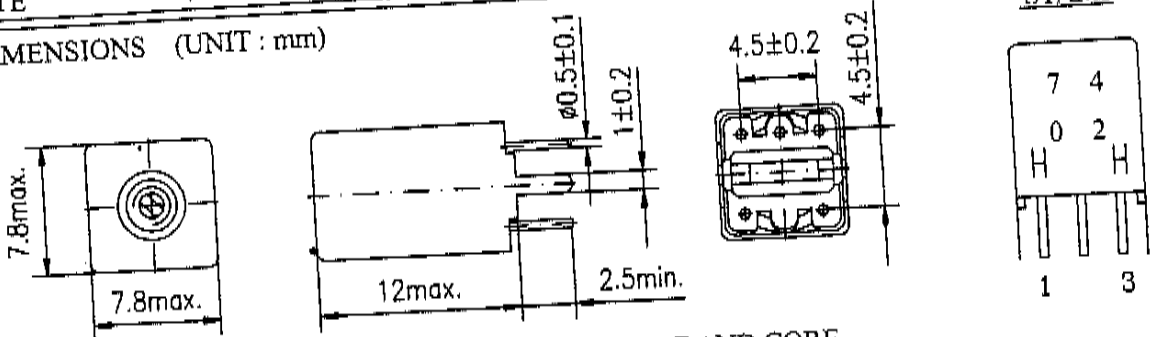
承認 APPROVAL	審查 CHECK	作成 PREPARE
		

# \*SPECIFICATION\*

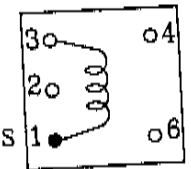
**LEAD FREE**

CUSTOMER : MARITEX CUS. PART NO. : COILS PART NO. : BKH7-877402NP DATE : 2005/09/20	APPROVED BY   STAMP
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**1. DIMENSIONS (UNIT : mm)**



**2. CIRCUIT**



**3. TURNS, WIRE AND CORE**

PIN. NO.	1-3			
URNS (Ref.)	14 T			
WIRE	Ø0.12mm (2UEW)			
SCREW CORE	EM11	OR EQUIVALENT		
POT CORE	EM11	OR EQUIVALENT		

**4. CHARACTERISTICS**

ITEM	SPEC. (1 - 3)	TESTING CONDITION	MEASUREMENT INSTRUMENT
VARIABLE INDUCTANCE	2.1 $\mu$ H $\pm$ 6% Min.	7.96MHz	MQ-1601
UNLOADED Q	35 Min.	7.96MHz	MQ-1601

EXT. STRAY CAP. ---pF ( - )

**5. GENERAL CHARACTERISTICS:**

- ① Core Torque : 10 ~ 250gf · cm
- ② Dielectric Strength: No abnormality at 100V D.C. for 1 minute between winding-case.
- ③ Insulation Resistance: Over 100M $\Omega$  at 100V D.C. between winding-case.
- ④ Humidity Test : Frequency (Inductance) deviation within  $\pm$ 0.5% ( $\pm$ 1%)  
 Deviation of Q within  $\pm$ 20%  
 After 96 $\pm$ 4 hours in 90~95% relative humidity at 40 $\pm$ 2 $^{\circ}$ C and 60 minutes drying under normal condition.
- ⑤ Temperature Test : Frequency (Inductance) deviation within  $\pm$ 0.5% ( $\pm$ 1%)  
 Deviation of Q within  $\pm$ 20%  
 a. After 6 hours at -25 $\pm$ 3 $^{\circ}$ C and 1 hour later under normal condition.  
 b. After 6 hours at 85 $\pm$ 2 $^{\circ}$ C and 1 hour later under normal condition.
- ⑥ Terminal Strength : No abnormality at 0.5kg for 30 $\pm$ 5 seconds (pull and push).
- ⑦ Terminal Heat Test: No abnormality at 250 $\pm$ 5 $^{\circ}$ C for 5 seconds.

**6. REMARKS:**

\* PACKAGE TO BE ACCORDING TO SPECIFICATIONS:KB-PLT015.

7. ROHS COMPLIANCE REMARKS: LEAD WILL BE PRESENT IN THE FERRITE CORE OF THE FRIT MATRIX IN THE COMPONENT. THIS USE, IS EXEMPT FROM ROHS LEGISLATION PER THE ANNEX (ITEM7), WHICH REFERS TO "LEAD IN ELECTRONIC CERAMIC PART".

APPROVAL	CHECK	DESIGN	REVISION

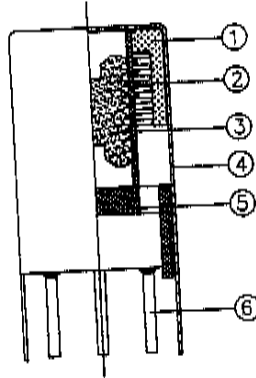
**\*SPECIFICATION\***

**LEAD FREE**

APPROVED BY

CUSTOMER : MARITEX  
 CUS. PART NO. :  
 COILS PART NO. : BKH7-877402NP  
 DATE : 2005/09/20

**8. CONSTRUCTION**



**9. MATERIAL LIST**

No.	PARTS	MATERIAL	MANUFACTURER	COUNTRY OF ORIGIN	UL No.	FLAME CLASS
①	POT CORE	FERRITE CORE EM11 OR EQUIVALENT	TONICHI FERRITE PRODUCTS CO., LTD.	CHINA	NA	NA
②	WIRE	POLYURETHANE ENAMELLED COPPER WIRE	PACIFIC-THAI ELECTRIC WIRE & CALBE CO., LTD.	THAI LAND	E142108	NA
			JUNG SHING WIRE CO., LTD.	CHINA TAIWAN	E174837	NA
③	SCREW CORE	FERRITE CORE EM11 OR EQUIVALENT	TONICHI FERRITE PRODUCTS CO., LTD.	CHINA	NA	NA
④	CASE	BRASS H68 OR EQUIVALENT	TONICHI FERRITE PRODUCTS CO., LTD.	CHINA	NA	NA
⑤	BOBBIN	PA66-1300G OR EQUIVALENT	ASAHI CHEMICAL INDUSTRY CO., LTD.	JAPAN	E48285	94HB
⑥	LEAD PIN	H.C.P. OR EQUIVALENT	WELL FORE SPECIAL WIRE CORPORATION	CHINA	NA	NA
	SOLDER	Sn99.3-Cu0.7 OR EQUIVALENT	ALPHA METALS LTD.	CHINA HONG KONG	NA	NA
	STAMP	INK(STM-3) OR EQUIVALENT	SHACHIHATA CO., LTD.	JAPAN	NA	NA
	ADHESIVE	PHENOLIC RESIN OR EQUIVALENT	BAYER - W. GERMANY CO., LTD.	CHINA HONG KONG	NA	NA

\* NA: NOT APPLICABLE

APPROVAL CHECK DESIGN REVISION

R&D  
2005-9-21  
孟聖賢

R&D  
2005-9-20  
黎應祥

R&D  
2005-9-20  
沈雪芬