

PART NO.K400004

LEAD FREE

1. DIMENSIONS (UNIT : mm)

COLOUR: BLACK

2. CIRCUIT (BOTTOM)

3. TURNS , WIRE AND CORE

PIN. NO.	6 - 4	3 - 1		
TURNS (Ref.)	35 T	350 T		
WIRE	Ø0.08 mm (2UEW)			
DRUM CORE	EL8H	OR EQUIVALENT		
CAP CORE	EHF60	OR EQUIVALENT		

4. CHARACTERISTICS

ITEM	SPEC. (1 - 3)	TESTING CONDITION	MEASUREMENT INSTRUMENT
OPERATING FREQUENCY	40kHz		
VARIABLE INDUCTANCE	6.0 mH±6% Min.	252kHz	MQ-1601
UNLOADED Q	90 Min.	252kHz	MQ-1601

(1 - 3) EXT. CAP. 2600 pF (Ref.)

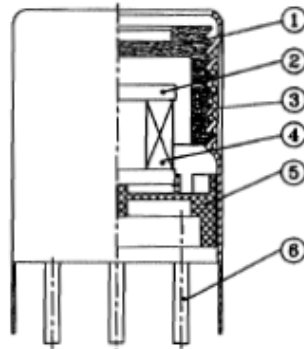
5. GENERAL CHARACTERISTICS:

- Core Torque : 30 ~ 400gf · cm
- Dielectric Strength: No abnormality at 100V D.C. for 1 minute between winding-winding, winding-case.
- Insulation Resistance: Over 100MΩ at 100V D.C. between winding-winding, winding-case.
- 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.
- 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.
- Terminal Strength : No abnormality at 0.5kg for 30±5 seconds (pull and push).
- Terminal Heat Test: No abnormality at 250°C±5°C for 5 seconds.

6. REMARKS:

APPROVAL	CHECK	DESIGN	REVISION

7. CONSTRUCTION



8. MATERIAL LIST

No.	PARTS	MATERIAL	MANUFACTURER	COUNTRY OF ORIGIN	UL No.	UL FLAME CLASS
①	CAP CORE	FERRITE CORE EHF60 OR EQUIVALENT	TONICHI FERRITE PRODUCTS CO.,LTD.	CHINA	NA	NA
②	DRUM CORE	FERRITE CORE EL8H OR EQUIVALENT	TONICHI FERRITE PRODUCTS CO.,LTD.	CHINA	NA	NA
③	CASE	BRASS H68 OR EQUIVALENT	TONICHI FERRITE PRODUCTS CO.,LTD.	CHINA	NA	NA
④	WIRE	POLYURETHANE ENAMELED COPPER WIRE OR EQUIVALENT	PACIFIC-THAI ELECTRIC WIRE & CABLE CO.,LTD.	THAILAND	E142108	NA
			JUNG SHING WIRE CO.,LTD.	CHINA (TAIWAN)	E174837	NA
⑤	BASE	PHENOLIC PM-9820 OR EQUIVALENT	SUMITOMO BAKELIFE CO.,LTD.	JAPAN	E41429	94V-0
⑥	LEAD PIN	H.C.P. WIRE OR EQUIVALENT	WELL FORE SPECIAL WIRE CORPORATION	CHINA (TAIWAN)	NA	NA
	SOLDER	Sn99.3-Cu0.7 OR EQUIVALENT	ALPHA METALS LTD.	CHINA (HONG KONG)	NA	NA
	ADHESIVE	EPOXY RESIN(6016H-7A) OR EQUIVALENT	GUANG ZHOU WELLS CHEMICAL CO., LTD.	CHINA	NA	NA
	STAMP	INK (STM-3) OR EQUIVALENT	SHACHIHATA CO.,LTD.	JAPAN	NA	NA

* NA: NOT APPLICABLE

APPROVAL	CHECK	DESIGN	REVISION