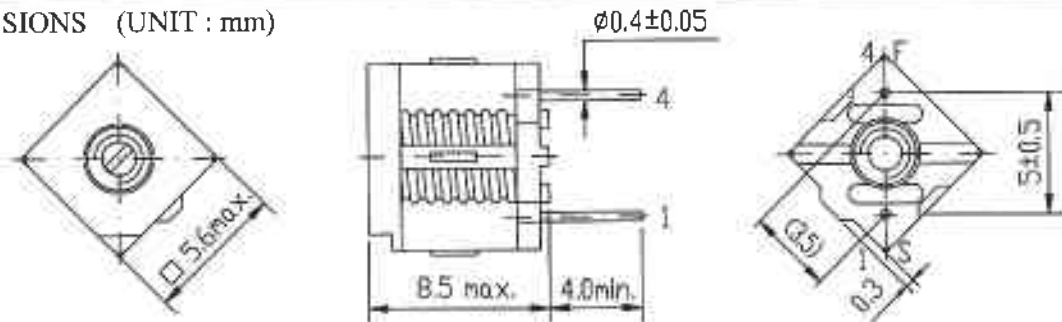


**\*SPECIFICATION\***

CUSTOMER : COMET  
 CUS. PART NO. :  
 COILS PART NO. : FT39-845741NP  
 DATE : 2006/04/06

APPROVED BY

## 1. DIMENSIONS (UNIT : mm)



## 2. CIRCUIT



## 3. TURNS, WIRE AND CORE

SCREW CORE	Cu	OR EQUIVALENT
TURNS (Ref.)	1½ T	
WIRE	0.40 mm (2UEW)	
COLOUR	RED	

## 4. CHARACTERISTICS

ITEM	SPEC. ( 1 - 4 )	TESTING CONDITIONS	MEASURING INSTRUMENTS
TUNING CAPACITY	98pF±3% Min.	100 MHz	MQ-171
UNLOADED Q	40 Min.	100 MHz	MQ-171

## 5. GENERAL CHARACTERISTICS:

- ① Core Torque : 20 ~ 250gf · 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 0.3kg for 30±5 seconds (pull and push).
- ⑦ Terminal Heat Test: No abnormality at 250°C±5°C for 5 seconds.

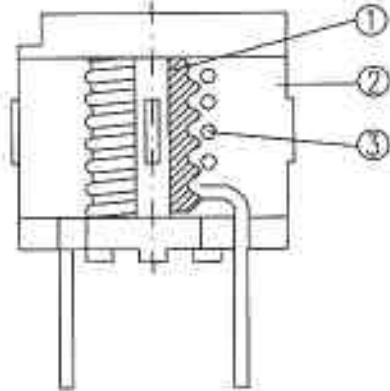
## 6. REMARKS:

APPROVAL	CHECK	DESIGN	REVISION

**\*SPECIFICATION\***

CUSTOMER : COMET	APPROVED BY
CUS. PART NO. :	
COILS PART NO : FT39-845741NP	
DATE : 2006/04/06	

**7. CONSTRUCTION**



**8. MATERIAL LIST**

No	PARTS	MATERIAL	MANUFACTURER	COUNTRY OF ORIGIN	UL No.	UL FLAME CLASS
①	SCREW CORE	BRASS CORE OR EQUIVALENT	TAK LEE ENG'G CO.,	CHINA	NA	NA
②	BASE	PP3310 ANC1 OR EQUIVALENT	NAN YA PLASTICS (HUI ZHOU) CO., LTD.	CHINA	E130155	94V-2
③	WIRE	POLYURETHANE ENAMELLED COPPER WIRE OR EQUIVALENT	PACIFIC-THAI ELECTRIC WIRE & CALBE CO., LTD	THAI LAND	E142108	NA
			JUNG SHING WIRE CO., LTD	CHINA (TAIWAN)	E174837	NA
	SOLDER	Sn99.3-Cu0.7 OR EQUIVALENT	ALPHA METALS LTD	CHINA (HONG KONG)	NA	NA

\* NA: NOT APPLICABLE

APPROVAL	CHECK	DESIGN	REVISION