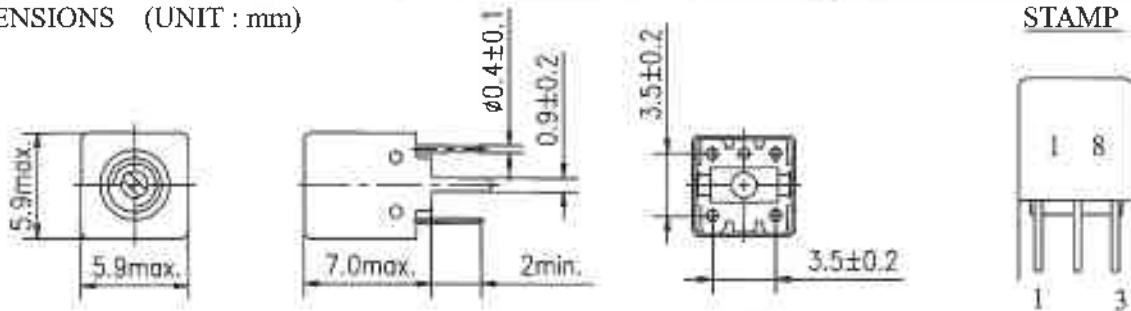


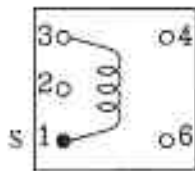
SPECIFICATION

CUSTOMER : COMET	APPROVED BY
CUS. PART NO. :	
COILS PART NO. : BFSC-838218NP	
DATE : 2006/04/06	

1. DIMENSIONS (UNIT : mm)



2. CONNECTION (BOTTOM)



3. TURNS , WIRE AND CORE

PIN, NO.	1 - 3		
TURNS (Ref.)	8¾ T		
WIRE	Ø0.10mm (2UEW)		
SCREW CORE	EM5E OR EQUIVALENT		

4. CHARACTERISTICS

ITEM	SPEC. (1 - 3)	TESTING CONDITIONS	MEASURING INSTRUMENTS
VARIABLE INDUCTANCE	0.33 μ H \pm 2% Min.	25.2MHz	MQ-1601
UNLOADED Q	30 Min.	25.2MHz	MQ-1601

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

5. GENERAL CHARACTERISTICS:

- ① Core Torque : 5 ~ 150gf · cm
- ② Dielectric Strength: No abnormality at 100V D.C. for 1 minute between winding-case.
- ③ Insulation Resistance: Over 100M Ω 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 0.3kg for 30 \pm 5 seconds (pull and push).
- ⑦ Terminal Heat Test: No abnormality at 250 \pm 5 $^{\circ}$ C for 5 seconds.

6. 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

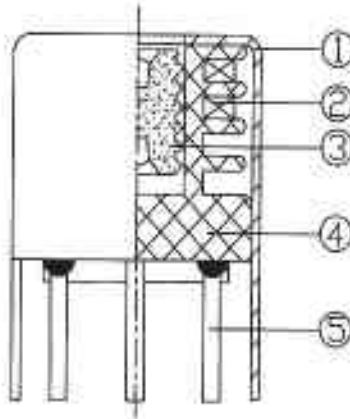
SPECIFICATION

LEAD FREE

CUSTOMER : COMET
 CUS. PART NO. :
 COILS PART NO. : BFSC-838218NP
 DATE : 2006/04/06

APPROVED BY

7. CONSTRUCTION



8. MATERIAL LIST

No.	PARTS	MATERIAL	MANUFACTURER	COUNTRY OF ORIGIN	UL No	UL FLAME CLASS
①	CASE	BRASS H68 OR EQUIVALENT	TONICHI FERRITE PRODUCTS CO., LTD.	CHINA	NA	NA
②	WIRE	POLYURETHANE ENAMELED COPPER WIRE OR EQUIVALENT	PACIFIC-THAI ELECTRIC WIRE & CABLE CO., LTD.	THAILAND	E142108	NA
			JUNG SHING WIRE CO., LTD.	CHINA	E174837	NA
③	SCREW CORE	FERRITE CORE EM5E OR EQUIVALENT	TONICHI FERRITE PRODUCTS CO., LTD.	CHINA	NA	NA
④	BASE	PHENOLIC PF-PM9820 OR EQUIVALENT	SUMITOMO BAKELITE CO., LTD.	JAPAN	E41429	94V-0
⑤	LEAD PIN	H.C.P. 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
	STAMP	INK(STM-3) OR EQUIVALENT	SHACHIHATA CO., LTD.	JAPAN	NA	NA
	VARNISH	642 OR EQUIVALENT	P D GEORGE CO.	USA	E73015	NA

* NA: NOT APPLICABLE.

APPROVAL	CHECK	DESIGN	REVISION
