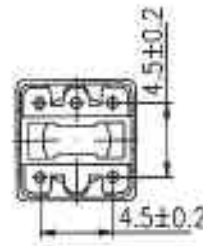
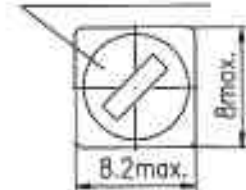


SPECIFICATION

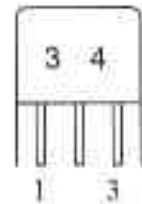
CUSTOMER : COMET	APPROVED BY
CUS. PART NO. :	
COILS PART NO. : OS45-851034NP	
DATE : 2006/04/06	

1. DIMENSIONS (UNIT : mm)

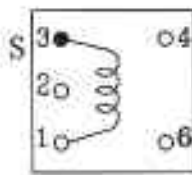
COLOUR:BLACK



STAMP



2. CIRCUIT



3. TURNS , WIRE AND CORE

PIN. NO.	3 - 1		
TURNS (Ref.)	150 T		
WIRE	Ø0.06mm (2UEW)		
DRUM CORE	ED3B	OR EQUIVALENT	
CAP CORE	EQ2	OR EQUIVALENT	

4. CHARACTERISTICS

ITEM	SPEC. (1 - 3)	TESTING CONDITION	MEASUREMENT INSTRUMENT
VARIABLE INDUCTANCE	470 μ H \pm 6% Min.	796kHz	MQ-1601
UNLOADED Q	40 Min.	796kHz	MQ-1601

EXT. STRAY CAP. - pF (-)

5. GENERAL CHARACTERISTICS:

- ① Core Torque : 30 ~ 350gf · cm
- ② Dielectric Strength: No abnormality at 100V D.C. for 1 minute between ~~winding-winding~~; winding-case.
- ③ Insulation Resistance: Over 100M Ω at 100V D.C. between ~~winding-winding~~; 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 $^{\circ}$ C \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 $^{\circ}$ C \pm 3 $^{\circ}$ C and 1 hour later under normal condition.
b. After 6 hours at 85 $^{\circ}$ C \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 $^{\circ}$ C \pm 5 $^{\circ}$ C for 5 seconds.

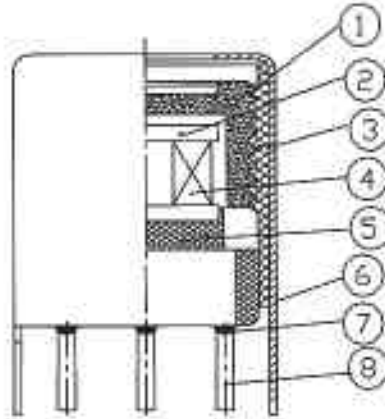
6. RoHS COMPLIANCE REMARKS: LEAD WILL BE PRESENT IN THE FERRITE CORE OF THE FRIT MATRIX IN THE COMPONENT. THIS USE, IS EXEMPT FROM RoHS LEGISLATION PER THE ANNEX (ITEM7), WHICH REFERS TO "LEAD IN ELECTRONIC CERAMIC PART".

APPROVAL	CHECK	DESIGN	REVISION

SPECIFICATION

CUSTOMER : COMET	APPROVED BY
CUS. PART NO. :	
COILS PART NO. : OS45-851034NP	
DATE : 2006/04/06	

7. CONSTRUCTION



8. MATERIAL LIST

No.	PARTS	MATERIAL	MANUFACTURE	COUNTRY OF ORIGIN	UL No.	UL FLAME CLASS
①	CAP CORE	FERRITE CORE EQ2 OR EQUIVALENT	TONICHI FERRITE PRODUCTS CO., LTD.	CHINA	NA	NA
②	DRUM CORE	FERRITE CORE ED3B OR EQUIVALENT	TONICHI FERRITE PRODUCTS CO., LTD.	CHINA	NA	NA
③	HOLDER	POLYPROPYLENE (HP644T) OR EQUIVALENT	HMC POLYMERS CO., LTD.	THAILAND	NA	NA
④	WIRE	POLYURETHANE ENAMELLED 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 PM9820 OR EQUIVALENT	SUMITOMO BAKELIFE CO., LTD.	JAPAN	E41429	94V-0
⑥	CASE	BRASS H68 OR EQUIVALENT	TONICHI FERRITE PRODUCTS CO., LTD.	CHINA	NA	NA
⑦	SOLDER	Sn99.3-Cu0.7 OR EQUIVALENT	ALPHA METALS LTD.	CHINA HONG KONG	NA	NA
⑧	LEAD PIN	H.C.P. OR EQUIVALENT	WELL FORE SPECIAL WIRE CORPORATION	CHINA	NA	NA
	VARNISH	642 OR EQUIVALENT	P D GEORGE CO.	USA	E73015	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