



SHANG MING ELECTRONICS CO., LTD.

SPECIFICATION FOR ISSUED



CUSTOMER : SEA
 CUSTOMER P/N : T1-01
 DESIGN P/N : SMP-C2938
 ISSUED DATE : 2010/6/1
 REVISION : 0

MANUFACTURER	EDITED	CHECKED	ISSUED

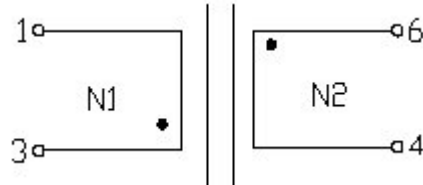
CUSTOMER	RECEIPT	CHECKED	ISSUED

<u>上銘有限公司 HEADQUARTERS</u>	<u>松崗上銘電子廠 MANUFACTURING SITE</u>
SHANG MING ELECTRONICS CO.,LTD	SHANG MING (SUNG KANG) FACTORY
高雄市前鎮區新衙路 288-9 號 4 樓-2	深圳市寶安區松崗鎮東方村大田洋工業區
4F-2,NO.288-9,Hsin-Ya Rd,Kaohsiung, Taiwan	Da-Ten-Yan Industrial-District, Sung Kang Zhen, Bao-An area, Shen Zhen, China
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SPECIFICATION FOR ISSUED		CUSTOMER	SEA	DESIGN NO.	SMP-C2938
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1 MECHANICAL CHARACTERISTICS

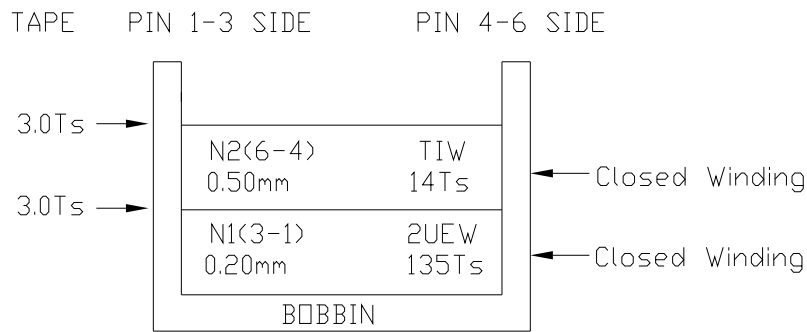
1.1 SCHEMATIC DIAGRAM



● Mechanical start winding, □ Teflon tube

1.2 WINDING CONSTRUCTION

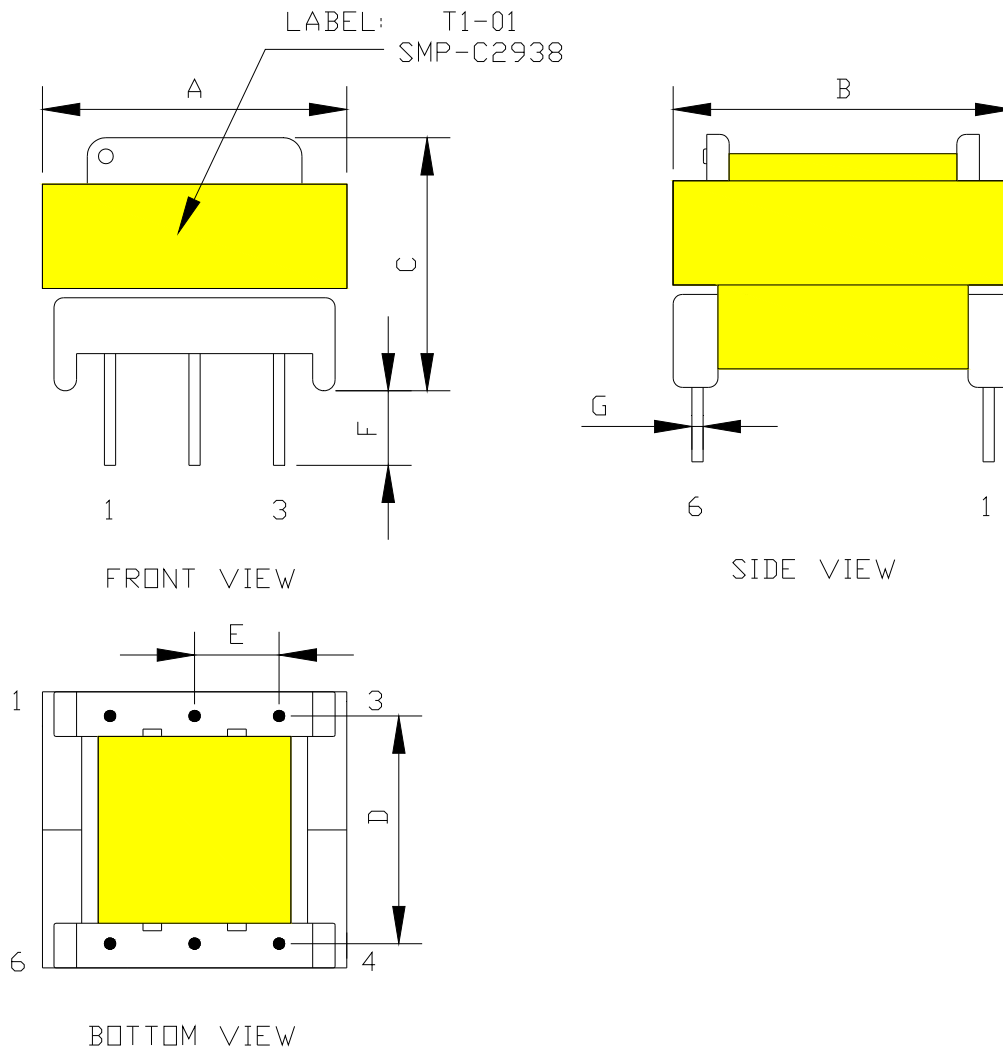
Mylar Tape: 1mil x 10.5mm



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1.3 DIMENSION



A= 16.6 ±1.5	B= 16.3 ±1.5	C= 14.5 ±1.5	D= 12.5 ±0.5	E= 3.8 ±0.5
F= 4.0 ±0.5	G= 0.6 ±0.1			

Remark:

- Unit: mm,
- Core tape: 1 mil x 4.5mm x 2.0Ts
- Net weight: 6.65g (ref)

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2 ELECTRICAL CHARACTERISTICS

No.	Contents	Terminal	Characteristics	Condition
1	Inductance	L (3 – 1)	2.5 mH ± 15%	@ 1KHz, 1Vrms 25°C
Chroma LCR-101 Meter Equipment				
2	DC Resistance	R (3 – 1)	2.3 Ω MAX	25°C
Chroma 502A OHM Meter Equipment				
3	Hi-Pot Test	Pri to Sec	AC 1000Vrms/5mA/1sec	@ 60Hz
		Coil To Core	AC 1000Vrms/5mA/1sec	
Chroma 9072A AC/DC withstanding Voltage Tester				

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3 LIST OF MATERIALS

NO	ITEM	MATERIAL	RATING	MANUFACTURE	UL NO.	
1	FERRITE CORE EE16	NC-2H	GAP : 0.20mm,ref	NIPPON CERAMIC CO., LTD.		
		PG232A		FENGHUA MAGNETIC MATERIALS		
		6H20		NANJING JINNING SANHUAH FDK CO., LTD.		
		R2K3D		CHENGDU HENGLI MAGNETIC MATERIALS CO., LTD.		
		TP40		TAK TECHNOLOGY CO., LTD.		
2	BOBBIN	PHENOLIC T375J,T355J,	(UL94V-0) 150 °C	CHANG CHUN PLASTICS CO.,LTD	E59481(S)	
3	COPPER WIRE	POLYURETHANE ENAMEL LED WIRE				
		UEW-2 (MW-75C)	130°C	JUNG SHING WIRE CO., LTD	E174837	
		UEW (MW-75C)	130°C	TAI-I ELECTRIC WIRE & CABLE CO.,LTD	E85640	
		UEW (MW-75C)	130°C	TA WIN INDUSTRIES (M) SDN BHO	E152187	
		XUEW#(MW-75C)	130°C	HUIYANG GOLDEN OCEAN MAGNET	E225143	
4	TRIPLE INSULATION WIRE	STW-B	130°C	YOUNG CHANG SILICONE CO., LTD.	E242198	
		TLW-B	130°C	DAH JIN TECHNOLOGY CO., LTD.	E236542	
		TIW-M	130°C	COSMOLINK CO., LTD.	E213764	
		TILW-B	130°C	TA YA ELECTRIC WIRE & CABLE CO LTD.	E225803	
5	MYLAR TAPE	POLYESTER FILM INSULATING TAPE				
		NO.1350F(b)	130°C	3M COMPANY	E17385(N)	
		NO.P-298F(b)	130°C	CHYUN YIH TAPE CO.,LTD	E81174	
		NO.35660*@	130°C	SYMBIO INC	E50292(S)	
6	LEAD-FREE SOLDER BAR	MB-D9930C		DYFENCO ELECTRONIC CHEMICAL CORP		
7	VARNISH	T-4260(a) (MW80)	155°C	WU JIANG TAIHU INSULATING MATERIAL CO., LTD.	E228349	

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4 SAMPLE TEST REPORTS

ITEM	Inductance	DC Resistance	Hi-Pot	
SPEC.	2.5 mH ±15%	2.9 Ω MAX	AC 1.0KVrms/5mA/1sec	
FREQ.	1KHz, 1Vrms	25°C	60Hz	
TERM	3 – 1	3 – 1	Pri t- Sec	Coil - Core
1	2.52	1.98	OK	OK
2				
3				
4				
5				
6				
7				
8				
9				
10				

Remark:

- Varnished
- Core Material: R2K3D
- Samples tested on 01-Jun-2010

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