






SHANG MING ELECTRONICS CO., LTD.

SPECIFICATION FOR ISSUED



CUSTOMER : SEA
 CUSTOMER P/N : YW-360-02B
 DESIGN P/N : SMP-C2768
 ISSUED DATE : 2009/12/15
 REVISION : 0

MANUFACTURER	EDITED	CHECKED	ISSUED
			

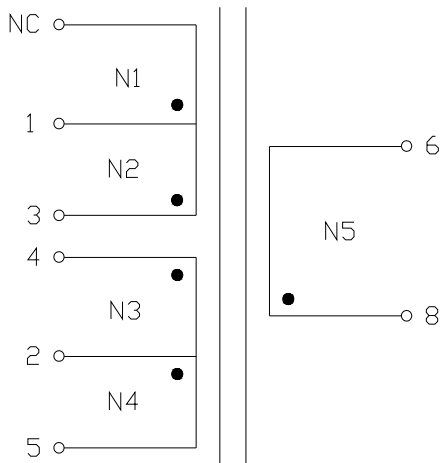
CUSTOMER	RECEIPT	CHECKED	ISSUED

<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
TEL : +886-7-8153712	TEL : +86-755-27068317 / 27068319
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1 MECHANICAL CHARACTERISTICS

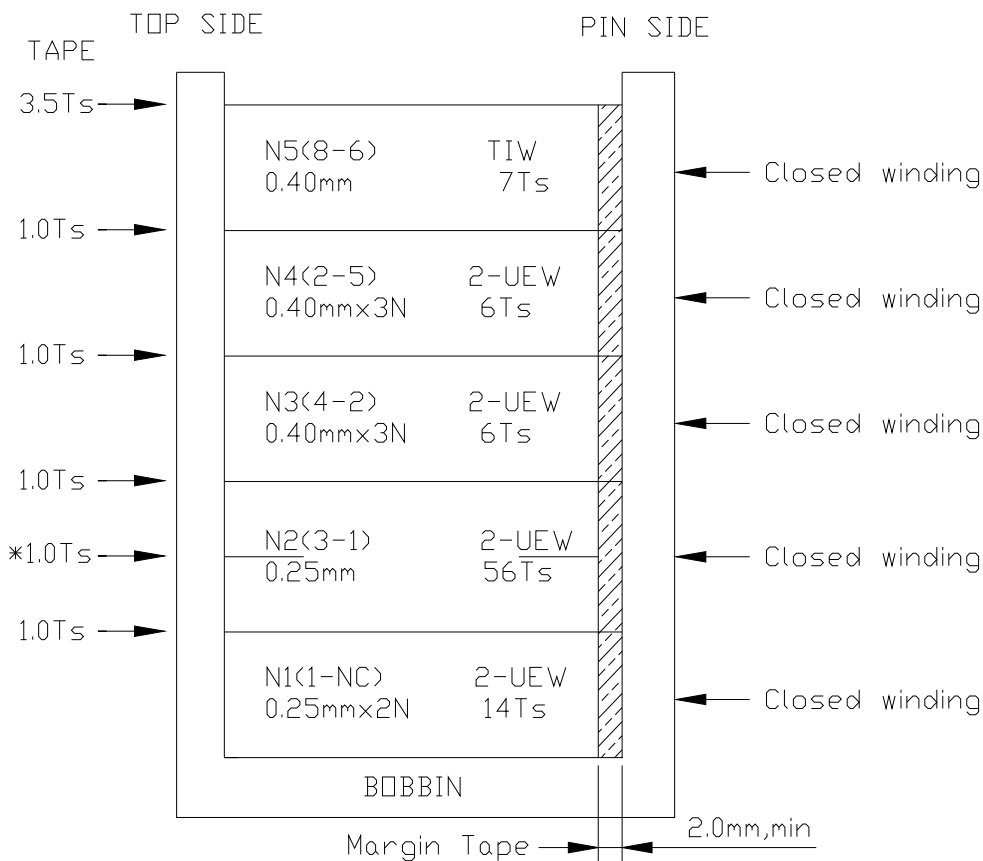
1.1 SCHEMATIC DIAGRAM



● Mechanical start winding, □ Teflon tube

1.2 WINDING CONSTRUCTION

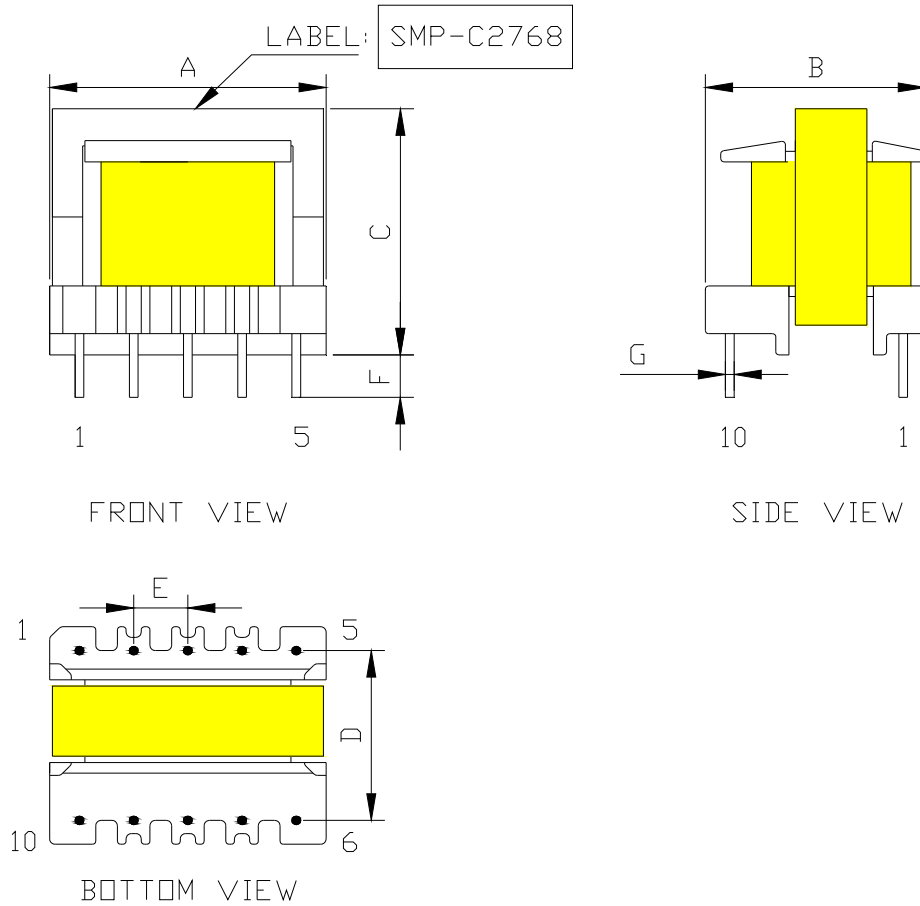
Mylar Tape: 1mil x11.5mm , *1mil x8.5mm



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1.3 DIMENSION



A= 25.5 ±1.5	B= 20.5 ±1.5	C= 23.5 ±1.5	D= 16.0 ±0.5	E= 5.0 ±0.5
F= 4.0 ±0.5	G= 0.8 ±0.1			

Remark:

- Unit: mm
- Core Tape: 1mil 6.0mmx2.0Ts
- Net weight: 17.95 g (ref)

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2 ELECTRICAL CHARACTERISTICS

No.	Contents	Terminal	Characteristics	Condition
1	Inductance	L (3 – 1)	1050 uH ±10%	@ 100KHz,0.4Vrms 25°C
Chroma LCZ-1061 Meter Equipment				
2	Leakage Inductance	L (3 – 1) (Sec short)	60 uH, Max	@ 100KHz,0.4Vrms 25°C
Chroma LCZ-1061 Meter Equipment				
3	DC Resistance	R (3 – 1)	0.9 Ω MAX	@ 25°C
Chroma 502A OHM Meter Equipment				
4	Hi-Pot Test	Pri – Sec	AC 3000Vrms/5mA/1sec	@ 60Hz
Chroma 9072A AC/DC withstanding Voltage Tester				

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3 LIST OF MATERIALS

NO	ITEM	MATERIAL	RATING	MANUFACTURER	UL NO.	
1	FERRITE CORE EE25.4	TP40	GAP : 0.13mm,ref	TAK TECHNOLOGY CO., LTD.		
		NC-2H		NIPPON CERAMIC CO., LTD.		
		PG232A		FENGHUA MAGNETIC MATERIALS		
		R2K3D		CHENGDU HENGLI MAGNETIC MATERIALS CO., LTD.		
2	BOBBIN	PHENOLIC T375J,T355J,	(UL 94V-0) 150 °C	CHANG CHUN PLASTICS CO., LTD.	E59481	
3	COPPER WIRE	POLYURETHANE ENAMELLED 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 BHD	E152187	
		XUEW#% (MW-75C)	130°C	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY	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	
		TEX-E	130°C	FURUKAWA ELECTRIC CO., LTD.	E206440	
5	MYLAR TAPE	POLYESTER FILM INSULATING TAPE				
		NO.1350F-1(b)	130°C	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	E17385	
		NO.35660*®	130°C	SYMBIO INC	E50292	
6	MARGIN TAPE	POLYESTER FILM NONWOVEN COMPOSITEINSULATING TAPE				
		No.44(a)	130°C	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	E17385	
		No. 35661	130°C	SYMBIO INC	E50292	
		No.P-244-1~3(a)	130°C	CHYUN YIH TAPE CO., LTD.	E81174	
7	LEAD-FREE SOLDER BAR	MB-D9930C		DYFENCO ELECTRONIC CHEMICAL CORP.		
8	VARNISH	T-4260(a)	155°C	WU JIANG TAIHU INSULATING MATERIAL CO., LTD.	E228349	

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4 SAMPLE TEST REPORTS

ITEM	Inductance	Leakage Inductance	DC Resistance	Hi-Pot
SPEC.	1050 uH ±10%	60 uH, Max	0.9 Ω MAX	AC 3.0KVrms/5mA/1sec
FREQ.	100KHz,0.4Vrms	100KHz,0.4Vrms	25°C	60Hz
TERM	3 – 1	3 – 1 (sec short)	3 – 1	Pri – Sec
1	1075	44.02	0.78	OK
2	1054	43.56	0.78	OK
3	1095	44.77	0.78	OK
4	1124	43.14	0.78	OK
5	1103	41.71	0.78	OK
6	1061	46.48	0.78	OK
7	1068	47.21	0.78	OK
8	1130	45.49	0.78	OK
9	1070	44.84	0.78	OK
10	1072	41.55	0.78	OK

Remark:

- Varnished
- Core Material : R2K3D
- Samples tested on 14-Dec-2009

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