



ISO9001 & ISO14001 & TS16949 CHILISIN ELECTRONICS CORP.

**Lead-Free & RoHs Compliance!!**

***SPECIFICATION FOR APPROVAL***

CUSTOMER : \_\_\_\_\_

CUSTOMER P/N : \_\_\_\_\_

OUR DWG No : \_\_\_\_\_

QUANTITY :  X  Pcs.      DATE :  2024/12/16

ITEM :  SMT-EE1614V-250-N

<b>SPECIFICATION ACCEPTED BY:</b>		
<b>COMPONENT ENGINEER</b>		
<b>ELECTRICAL ENGINEER</b>		
<b>MECHANICAL ENGINEER</b>		
<b>APPROVED</b>		
<b>REJECTED</b>		

DRAWN BY	Jiusheng	CHECKED BY	Fangkuan	APPROVED BY	Wan.one	QRA BY	
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ISO9001 & ISO14001 & TS16949 CHILISIN ELECTRONICS CORP.

SPECIFICATION FOR APPROVAL

CUSTOMER	0	CLS DWG. NO.	0
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CUSTOMER'S PART NO/DWG NO.	DESCRIPTION	DATE
	SMT-EE1614V-250-N	2024/12/16

(1)MECHANICAL ASSEMBLY		<p>NOTE:</p> <ol style="list-style-type: none"> <li>骨架为EE16 立式5+5PIN，CORE材质为PC95或同等材质</li> <li>所有绕组顶部朝机台，绕线轴顺时针转动绕线。</li> <li>所有进出线加套管。</li> <li>磁芯开气隙调整电感量，底部磁芯背胶包4.5mmREF胶带3TS固定；磁芯接合处与线包点硬胶；</li> <li>2.7.9.不插PIN.</li> </ol>	A	17.0±1.0	m/m
			B	13.0±1.0	m/m
			C	16.0±1.0	m/m
			D	3.0±0.5	m/m
			E	9.0±0.5	m/m
			F	3.5±0.5	m/m
			G	φ0.6±0.1	m/m

1 <sup>ST</sup> COLOR	2 <sup>ND</sup> COLOR	3 <sup>RD</sup> COLOR	4 <sup>TH</sup> COLOR
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(2)ELECTRICAL REQUIREMENTS						(3)SCHEMATIC	
INDUCTANCE	L(1-3)	24±20%	uH	TEST FREQUENCY	100KHZ 1V		
LEAKAGE INDUCTANCE	L(1-3)	8 max @Tie(6+8+10)	uH	TEST FREQUENCY	100KHZ 1V		
D.C.RESISTANCE	(1-3)	90 max	mΩ				
INDUCTANCE	L(4-5)	12.5±20%	uH	TEST FREQUENCY	100KHZ 1V		
D.C.RESISTANCE	(4-5)	310 max	mΩ				
INDUCTANCE	L(6-8)	26.3±20%	uH	TEST FREQUENCY	100KHZ 1V		
D.C.RESISTANCE	(6-8)	110 max	mΩ				
INDUCTANCE	L(8-10)	26.5±20%	uH	TEST FREQUENCY	100KHZ 1V		
D.C.RESISTANCE	(8-10)	310 max	mΩ				
insulation resistance	PRI-SEC(初级对次级)	DC500V		100MΩ MIN			
	COIL-CORE(线包对铁芯)	DC500V		100MΩ MIN			
HI-POT	PRI-SEC(初级对次级)	5mA/3Sec		3000V/AC/50HZ			
	COIL-CORE(线包对铁芯)	5mA/3Sec		3000V/AC/50HZ			
RATED CURRENT							

(4)TEST INSTRUMENTS	NO	TERMINALS	MAGNETIC WIRE	TURNS	INSULATION ON TAPE	MARGIN TAPE TOP PIN	TUBE S	TUBE F	REMARK	
	*CH502BC (RDC)	N1	1 3	2UE# φ 0.13mm*4P*1L	12	3	-	V	V	绕满层
	*CH3250 (L)	N2	6 8	1IW-B φ 0.1mm*10P	12	3	-	V	V	绕满层
	*LK2672X (HI-POT)	N3	8 10	1IW-B φ 0.1mm*10P	12	3	-	V	V	绕满层
		N4	1 3	2UE# φ 0.13mm*4P*1L	12	3	-	V	V	绕满层
		N5	4 5	2UE# φ 0.13mm*2P*1L	8	3	-	V	V	靠PIN端密绕
线包肥胖等级：一般 ✓ 胖 非常胖										

NOTE:	BOBBIN	EE16立式5+5	APPROVED BY	
	CORE	EE16 PC95		CHECKED BY
	WIRE		DRAWN BY	
	WINDING			Jiusheng
	VERSION	NO.01		



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### TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER		<b>0</b>	CLS DWG. NO.	0
CUSTOMER'S PART NO./DWG.NO.	DESCRIPTION <b>SMT-EE1614V-250-N</b>		DATE	2024/12/16
			QUANTITY	X PCS

5. MATERIAL LIST :

ITEM	PART	DESCRIPTION	TEMP	SUPPLIERS	UL NO.
1	WIRE	2UEW 130°		JUNG SHING OR EQUIV	E174837
2	CORE	EE16 PC95		LIANFENG OR EQUIV	
3	BOBBIN	EE16 5+5 T375HF/T200HF		CHANG CHUN OR EQUIV	E59481
4	VARNISH	TVB2180T		Kyocera OR EQUIV	
5	SOLDER	Lead Free Solder Bar		THOUSAND ISLAND OR EQUIV	
7	INSULATION TAPE	CT-280		YAHUA OR EQUIV	E165111
8	TUBE	TFS		GREAT HOLDING	E156256

TECT CONDITION:	TEMP.	25 °C	R.H.	65%		APPROVED BY
						CHECKED BY
						DRAWN BY Jiusheng