



ISO9001 & ISO14001 & TS16949 CHILISIN ELECTRONICS CORP.

Lead-Free & RoHs Compliance!!

SPECIFICATION FOR APPROVAL

CUSTOMER : _____

CUSTOMER P/N : _____

OUR DWG No : _____

QUANTITY : X Pcs. DATE : 2025/4/29

ITEM : SMT-EE1614V-240K-N

SPECIFICATION ACCEPTED BY:		
COMPONENT ENGINEER		
ELECTRICAL ENGINEER		
MECHANICAL ENGINEER		
APPROVED		
REJECTED		

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-240K-N	2025/4/29

(1)MECHANICAL ASSEMBLY		<p>NOTE:</p> <ol style="list-style-type: none"> 骨架为EE16 立式5+5PIN，CORE材质为PC95或同等材质 所有绕组顶部朝机台，绕线轴顺时针转动绕线。 所有进出线加套管。 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； 2.7.9.不插PIN. 变压器外围用蓝色胶带。 	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 ST COLOR		2 ND COLOR		3 RD COLOR		4 TH 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)	24±20%	uH	TEST FREQUENCY	100KHZ 1V					
D.C.RESISTANCE	(4-5)	350 max	mΩ							
INDUCTANCE	L(6-8)	24±20%	uH	TEST FREQUENCY	100KHZ 1V					
D.C.RESISTANCE	(6-8)	110 max	mΩ							
INDUCTANCE	L(8-10)	24±20%	uH	TEST FREQUENCY	100KHZ 1V					
D.C.RESISTANCE	(8-10)	110 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	TERMINAL S	TERMINAL F	MAGNETIC WIRE	TURNS	INSULATION TAPE	MARGIN TAPE TOP PIN	TUBE S	TUBE F	REMARK	
	*CH502BC (RDC)	N1	1	3	2UEW φ 0.13mm*4P*1L	12	3	-	V	V	绕满层
	*CH3250 (L)	N2	6	8	TIW-B φ 0.1mm*10P	12	3	-	V	V	绕满层
	*LK2672X (HI-POT)	N3	8	10	TIW-B φ 0.1mm*10P	12	3	-	V	V	绕满层
		N4	1	3	2UEW φ 0.13mm*4P*1L	12	3	-	V	V	绕满层
		N5	4	5	2UEW φ 0.13mm*2P*1L	12	3	-	V	V	靠PIN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		0	CLS DWG. NO.	0
CUSTOMER'S PART NO./DWG.NO.	DESCRIPTION SMT-EE1614V-240K-N		DATE	2025/4/29
			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