

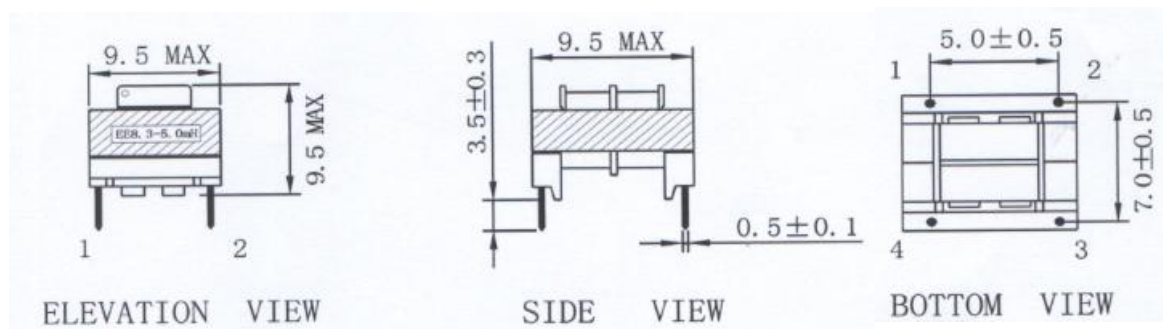
**广州尼博星电子科技有限公司**  
**Guangzhou Nyboxing Electronic Technology Co., Ltd**

物料编码 Material encoding	116004	型号 Model	CMI EE8.3-5mH
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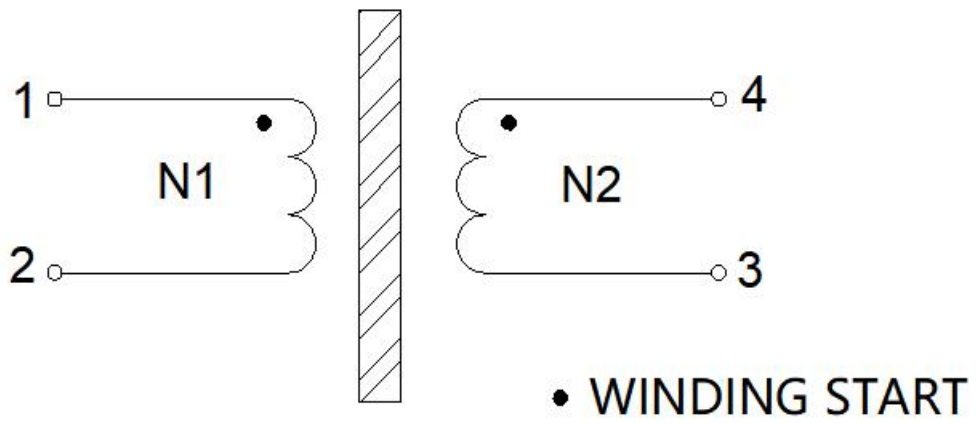
**NO1. 物料清单 Bill Of Material**

No.	物料名称 Name of material	规格型号 Specifications and models	制造商 Manufacturer	认证号 Certification number
1	BOBBIN	EE8.3	CHANGCHUN PLASTICS CO.,LTD	E59481
2	CORE	EE8.3	HAINING ZHONGXIN ELECTRONIC CO.,LTD.	/
3	WIRE	UEW MW79 155°C	ZHEJIANG HONGBO ELECTRIC WIRE Co., LTD	E221719
4	TAPE	PZ POLYESTER	JINGJIANG JINGYANG INSULATING PRODUCT CO., LTD.	E165111
5	VARNISH	T-4260	WUJIANG TAIHU INSULATION MATERIAL CO., Ltd.	E228349

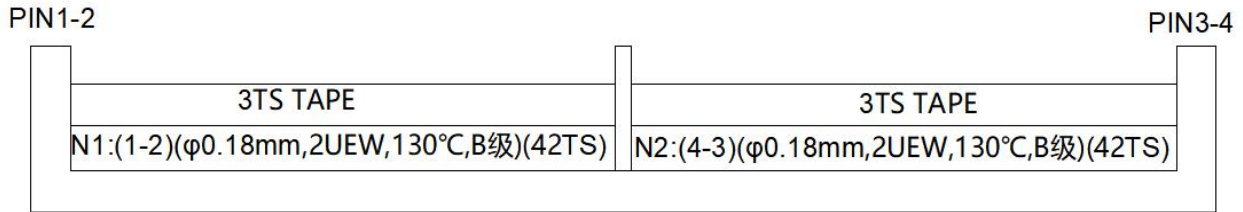
**NO2.骨架尺寸图 Frame size chart**



**NO3.原理图 Schematic**



### NO3.绕线结构图 Winding structure



绕组 WDG	进线脚位 BEGINNING	进线套管 TEFLON TUBE	线材规格 WIRESIZE	匝数 TURNS	出线脚位 TERMINAL	出线套管 TEFLON TUBE	绝缘胶纸 层数 TAPE TURNS	备注 Remarks
N1	1脚	/	$\phi 0.18\text{mm}$ , 2UEW, 130°C, B级	42TS	2脚	/	3层	均匀绕
N2	4脚	/	$\phi 0.18\text{mm}$ , 2UEW, 130°C, B级	42TS	3脚	/	3层	均匀绕

### NO4.工艺要要求 Process requirements

- ①The winding direction of each winding is uniform;
- ②The core is wrapped with 5mm insulating tape;
- ③The wire package needs to be wrapped with insulating tape;
- ④Products need to be immersed in vacuum;

### NO5.电气性能Electric property

- ①Inductance (1-2) : $5.0 \pm 8\%$ mH; Inductance (4-3) : $5.0 \pm 8\%$ mH; 测试条件@10KHz/1.0V/25°C;
- ②Inductance (1-2) & (4-3) <300 $\mu$ H;