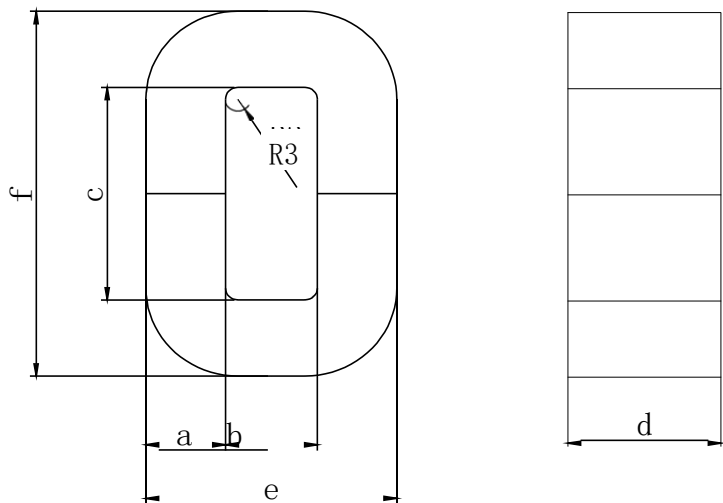




### CACC-640 SPECIFICATIONS



### PHYSICAL SPECIFICATIONS

叠厚(Core Build)	(a)mm	32.0	±1
窗口宽(Window Width)	(b) mm	74.0	MIN
窗口长(Window Length)	(c) mm	118.0	MIN
铁芯高(Core Height)	(d)mm	40.0	±1
铁芯宽(Core Width)	(e)mm	138.0	±2
铁芯长(Core Length)	(f)mm	182.0	±4
磁路长度(Mean Magnetic Path)	(Lm)cm	48.09	Nom.
截面积(Net Area)	(Ac)cm <sup>2</sup>	11.14	Nom.
窗口面积(Window Area)	(Wa)cm <sup>2</sup>	87.32	Nom.
面积乘积(Area product)	(AP)cm <sup>4</sup>	972.40	Nom.
铁芯重量(Weight of Core)	(G) g	3877	ref

### ELECTRICAL SPECIFICATIONS

(MATS-2010SA软磁交流测量装置/Soft Magnetic A.C. Measurement Instrument)

Core loss @ 16kHz, 0.037T  $P_s \leq 1.0w/kg$

(TH2816B-LCR数字电桥 /TH2816B Precision LCR Meter)

Core inductance 1KHz, 1V, N=5TS

### MATERIAL PROPERTIES

磁芯材质(Core Material): Fe基非晶1k101 (Fe-based amorphous 1k101)

性能参数 /Properties	参考值 /Value
饱和磁感应强度 $B_s$ /Saturation Flux Density (T)	1.56
磁导率 $\mu$ (与气隙宽度有关)/Permeability (depending on gap size)	VARIABLE
电阻率 $\sigma$ /Electrical Resistivity ( $\mu\Omega.cm$ )	130
密度 $\rho$ /Density ( $g/cm^3$ )	7.18
持续工作温度 $T$ /Continuous Service Temperature ( $^{\circ}C$ )	150
居里温度 $T_c$ /Curie Temperature ( $^{\circ}C$ )	400
叠片系数 /Lamination Factor	$\geq 0.86$
测试温度/ Test Temperature( $^{\circ}C$ )	Room Temperature

### PACKAGING STANDARDS

(1) 防锈纸包装, 塑料袋真空外包装

Packaging By Rust Preventive Paper,And outside Vacuum Packaging By Plastic Bags

(2) 每箱外贴标签内容: 客户代码、产品数量、产品型号、生产日期、生产厂家、环保标签、合格标签等

The Label Content Outside The Box Contains Customer Code, Quantity, P/N, DATE, Manufacturers, Green Label, Qualified Label

(3) 包装纸箱内附有产品检测报告

The Test Report Of The Product Inside The Packaging Box

### 文件修正记录

版本次数	修正人	修正内容	修正日期