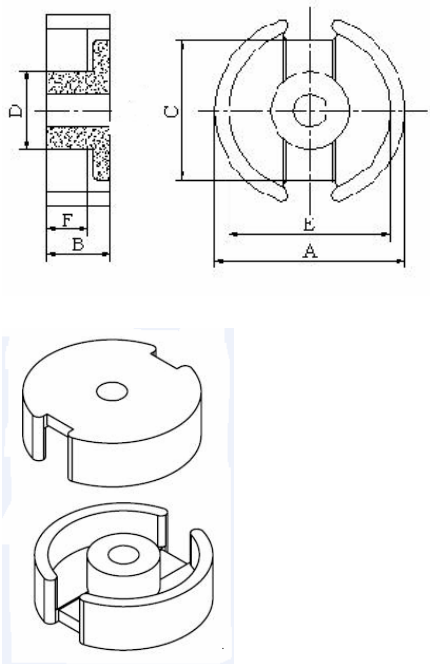


## 1. DIMENSIONS (mm)

	DIMENSIONS (mm)	
	A	36.2+0/-1.2
	B	10.9±0.2
	C	26.2±0.6
	D	16.2+0/-0.6
	E	29.8min
	F	7.55±0.25

CORE PARAMETERS	
Effective Length $L_e$	55.43mm
Effective Cross Area $A_e$	194.35mm <sup>2</sup>
Minimum Cross Area $A_{min}$	177.28 mm <sup>2</sup>
Effective Volume $V_e$	10773.6mm <sup>3</sup>
Approx. Weight $W$	58g/Prs

Item:	P/N:	SPEC. /N
FERRITE CORE		

## 2. ELECTRICAL CHARACTERISTICS

ITEMS	SPEC	TESTING METHOD	TESTING INSTRUMENT
INDUCTANCE	<b>L: 1.32±8% mH</b>	1kHz,0.3V,23±3 100Ts, GAP≈1.24*2mm	HP4284 OR YD2810
POWER LOSS	<b>PL 5.6W max</b>	100kHz,200mT100±3 °C	SY8232 OR CH258

## 3. MATERIAL CHARACTERISTICS

MATERIAL: TP4A

CHARACTERISTICS	UNIT	VALUE
INITIAL PERMEABILITY $\mu_i$	—	2400±25%
SATURATION MAGNETIC FLUX DENSITY (H=1194A/m) $B_s$	mT ( 25/100°C )	510
		390
REMANENT FLUX DENSITY $B_r$	MT ( 25/100°C )	110/60
COERCIVE FORCE $H_c$	A/m ( 25/100°C )	13/6.5
RELATIVE LOSS FACTOR $\tan \delta / \omega i$	—	
RELATIVE TEMP.FACTOR $\alpha_{uir}$	—	
CURIE TEMP. $T_c$	°C	≥215
ELECTRICAL RESISTIVITY $\rho$	$\Omega$	6.5
DENSITY $d$	kg/m <sup>3</sup>	4.8×10 <sup>3</sup>
Item:	P/N:	SPEC. /N
FERRITE CORE		