



CORE DIMENSIONS **36T0153-30P**

UNCOATED CORE					
	MM	INCHES		MM	INCHES
OD	3.94	(.155)	±	.13	(.005)
ID	1.78	(.070)	±	.13	(.005)
TH	2.98	(.117)	±	.13	(.005)
SINGLE PARAYLENE					
OD	3.96	(.156)	±	.15	(.006)
ID	1.75	(.069)	±	.15	(.006)
TH	3.01	(.118)	±	.15	(.006)

WEIGHT / K 0.1386 .3056 LBS
 INITIAL PERMEABILITY **4500**

ELECTRICAL SPECIFICATION									
	MIN. TOL.	MIN. (μH)	NOM. (μH)	MAX. (μH)	MAX. TOL.	FREQ. (kHz)	VOLT. (mV)	GAUSS	URNS
L1	-25.0%	1.60	2.132	2.67	25.0%	100	100	10	1

COATING SPECIFICATIONS			
TYPE	Ref. Coating (mm / mils.)	Min. DLB VAC	TEST FORCE (LB)
Paraylene	(0.0127 / 0.5)	1000	.13

NOTES: 1. DC BIAS REQUIREMENT:
 100 kHz / 135.5 mV / 10 turns / 38 AWG

H (Oe)	0.25	0.35	0.45
DC Bias (mA)	16.1	22.6	29.0
Min.L(μH):(0° to 70°)	124.2	110.6	85.8

2. R=0.10~0.40mm around inner and outer edges.
 3. Operating temperature: -40 to +85 °C.



Rev	Description	Date	INT
A	Original Draft	2013/4/25	Jcai
B	Updated DIM and add notes 2/3	2014/10/28	Jcai
C	Updated DLB to VAC	2016/8/29	Jcai

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