



CORE DIMENSIONS **36T0250-100**

UNCOATED CORE					
	MM	INCHES		MM	INCHES
OD	6.35	(.250)	±	.15	(.006)
ID	3.81	(.150)	±	.15	(.006)
TH	3.18	(.125)	±	.13	(.005)

SINGLE PARAYLENE					
	MM	INCHES		MM	INCHES
OD	6.38	(.251)	±	.15	(.006)
ID	3.78	(.149)	±	.15	(.006)
TH	3.20	(.126)	±	.13	(.005)

WEIGHT / K 0.308889 .6810 LBS
 INITIAL PERMEABILITY **4500**

ELECTRICAL SPECIFICATION

	MIN. TOL.	MIN. (μH)	NOM. (μH)	MAX. (μH)	MAX. TOL.	FREQ. (kHz)	VOLT. (mV)	GAUSS	TURNS
L1	-25.0%	1.09	1.460			100	1.75	10	1
Q Ref.		30							

COATING SPECIFICATIONS

TYPE	Max. Coating (mm / mils.)	Min. DLB VDC	TEST FORCE (LB)
Paraylene	(0.0127 / 0.5)	1000	.31

NOTES: DC BIAS REQUIREMENT:
 100 kHz / 175.2 mV / 10 turns / 38 AWG

H(Oe)	0.25	0.35	0.45
DC Bias (mA)	30.4	42.6	54.7
Min. Inductance (uH): (0 °C to 70 °C)	91.5	81.4	63.2



Rev	Description	Date	INT
A	Original Draft	2009-12-8	Jcai

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