



CORE DIMENSIONS 46T0135-100

UNCOATED CORE					
	MM	INCHES		MM	INCHES
OD	3.43	(.135)	±	.13	(.005)
ID	1.78	(.070)	±	.13	(.005)
TH	2.06	(.081)	±	.13	(.005)

SINGLE PARAYLENE 46T0135-10P					
	MM	INCHES		MM	INCHES
OD	3.43	(.135)	±	.15	(.006)
ID	1.78	(.070)	±	.15	(.006)
TH	2.06	(.081)	±	.15	(.006)

WEIGHT / K 0.066678 .1470 LBS
 INITIAL PERMEABILITY 4000

ELECTRICAL SPECIFICATION

	MIN. TOL.	MIN. (μH)	NOM. (μH)	MAX. (μH)	MAX. TOL.	FREQ. (kHz)	VOLT. (mV)	GAUSS	TURNS
L	-25.0%	0.811	1.081	1.351	25.0%	100	100	10	1
Q		30				100	100	10	1

COATING SPECIFICATIONS

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

NOTES: 1. DC BIAS REQUIREMENT:
 100 kHz / 73 mV / 10 turns / 38 AWG

H(Oe)	0.3	0.4	0.5
DC Bias (mA)	15.2	21.2	27.3
Min. Inductance (uH): (-40 °C to 85 °C)	63.1	57.3	49.5

2. R=0.10~0.40mm around inner and outer edges.



Rev	Description	Date	INT
A	Original Draft	2003/6/13	TPM
B	Re-activate print	2005/9/26	JRK
C	Remove Q specs update print format change P/N	2005/10/20	JRK
D	Revised template	2006/6/5	WMM
E	Revised template and add notes 2	2011/3/31	Jcai
F	Updated Logo and DIM, Notes 2	2014/10/23	Jcai
G	Correct DLB spec as 1000VAC	2016/4/19	Jcai

Date: 2016/4/19	DWG # 46T0135-10P-G	Rev: G
Drawn By: Jcai	Title # 46T0135-10P	

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