



CORE DIMENSIONS					
UNCOATED CORE				36T0119-400	
	MM	INCHES		MM	INCHES
OD	3.05	(.120)	±	.13	(.005)
ID	1.27	(.050)	±	.13	(.005)
TH	2.54	(.100)	±	.13	(.005)
SINGLE PARYLENE COATING				36T0119-40P	
OD	3.07	(.121)	±	.15	(.006)
ID	1.24	(.049)	±	.15	(.006)
TH	2.57	(.101)	±	.15	(.006)

WEIGHT / K 0.0746 kgs. 0.1645 lbs.  
 INITIAL PERMEABILITY 4500

ELECTRICAL SPECIFICATION								
	MIN (μH)	MIN TOL.	NOM (μH)	MAX (μH)	MAX TOL.	FREQ. (kHz)	VOLT. (mV)	TURNS
L	1.501	(-25.0 %)	2.001	-	-	100	100	1
Q Ref.	30	-	-	-	-	100	100	1

COATING SPECIFICATIONS			
TYPE	Max. Coating (mils.)	Min. DLB VAC	TEST FORCE (LB)
PARYLENE	0.5	1000	.13

NOTES: 1. DC BIAS REQUIREMENT: 100kHz 38 AWG  
 H (Oe): 0.25 0.35 0.45

Turns:	10	10	10
Voltage (mV):	94	94	94
DC Bias (mA):	11.9	16.7	21.4
Min. Inductance (μ H): (0° to 70°)	125.4	111.7	86.6



Turns:	26	26	26
Voltage (mV):	245	245	245
DC Bias (mA):	4.6	6.40	8.2
Min. Inductance (μ H): (0° to 70°)	848	755	586

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	1998/6/30	TPM
B	CORRECTED DC BIAS SPEC	1999/3/16	TPM
C	REVISED ALL 36 CATALOG CORES W/DC BIAS REV2	2002/2/25	TPM
D	REMOVED Q SPECS CHANGED PART NUMBER	2005/10/20	JRK
E	Revised Template	2006/6/2	WMM
F	Revised Template and add notes, updated DIM	2014/10/28	Jcai

Date: 2014/10/28	DWG # 36T0119-40P-F	Rev:
Drawn By: Jcai	Title # 36T0119-40P	F

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