



CORE DIMENSIONS		28T0155-000			
UNCOATED CORE					
		MM	INCHES	MM	INCHES
OD	3.94	(.155)	±	.13	(.005)
ID	2.24	(.088)	±	.13	(.005)
TH	2.54	(.100)	±	.13	(.005)
SINGLE PARYLENE COATING		28T0155-00P			
OD	3.96	(.156)	±	.15	(.006)
ID	2.21	(.087)	±	.15	(.006)
TH	2.57	(.101)	±	.15	(.006)

WEIGHT / K 0.23 LBS  
 INITIAL PERMEABILITY 850

ELECTRICAL SPECIFICATION								
	MIN		NOM	MAX	MAX	FREQ.	VOLT.	
	(μH)	MIN TOL.	(μH)	(μH)	TOL.	(kHz)	(mV)	TURNS
L	.183	(-25%)	.244	.305	(+25%)	100	100	1
Q	REF	-	-	-	-	100	100	1
Net	MIN		NOM			FREQ.		
Impedance	(Ω)	TOL	(Ω)			(MHz)		TURNS
Z1 (Ref.)	7.72	(-25%)	10.30	-	-	25	-	1
Z2	14.59	(-25%)	19.45	-	-	150	-	1

COATING SPECIFICATIONS			
	TYPE	Max. Coating (mils.)	Min. DLB VAC TEST FORCE (LB)
	PARYLENE	0.5	1000 0.13

NOTES:

1. Material and coating should be Halogen Free. ( Br+Cl < 900ppm)
2. Lairdtech ferrite material 28#.
3. Coating material: Parylene N
4. R=0.10~0.40mm around inner and outer edges.
5. Operating temperature: -40 to +85 °C.



Rev	Description	Date	INT
A	Original Draft	1995/6/30	JBE
B	UPDATED TO NEW FORMAT	1995/6/30	JBE
C	UPDATED ELECT & Z SPECS	1996/5/6	BAC
D	TRANSFER TO LOTUS NOTES	1997/11/12	IS
E	REVISED GAUSS TO 10	2003/12/17	TPM
F	REM Q SPECS CHANGE PART NUMBER	2005/9/30	JRK
G	Revised Template	2006/6/1	WMM
H	Add Notes, updated L spec and DIM	2009/6/12	Jcai

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Drawn By: Jcai	Title # 28T0155-00P	H

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