



SECTION A-A

CORE DIMENSIONS			
UNCOATED CORE		25N0136-100	
A	3.45 [.136]	+	0.13 [.005]
B	2.01 [.079]	+	0.15 [.006]
C	1.50 [.059]	+	0.25 [.010]
D	0.86 [.034]	+	0.13 [.005]
E	1.45 [.057]	+	0.13 [.005]
F	1.02 [.040]	+	0.13 [.005]
SINGLE COATED		25N0136-10P	
A	3.48 [.137]	+	0.13 [.005]
B	2.03 [.080]	+	0.15 [.006]
C	1.52 [.060]	+	0.25 [.010]
D	0.84 [.033]	+	0.13 [.005]
E	1.45 [.057]	+	0.13 [.005]
F	1.04 [.041]	+	0.13 [.005]

INITIAL PERMEABILITY 125
 WEIGHT/K 0.08 LBS

UNCONTROLLED DOCUMENT

ELECTRICAL TESTING

TEST:	Z	Z
# TURNS	1/2	1/2
AWG	-	-
FREQUENCY	100 MHz	300 MHz
NOMINAL	8	15
MINIMUM	6	11

ELECTRICAL SPECIFICATIONS

	MIN (μH)	MIN TOL.	NOM (μH)	MAX (μH)	MAX TOL.	TEST FREQ. (KHz)	TEST VOLT. (V)	TEST TURNS
(REF. ONLY) L	0.020	(-30%)	0.029	0.038	(+30%)	100	≤ .0003	1/2
(REF. ONLY) Q	-	-	-	-	-	100	≤ .0003	1/2

COATING SPECIFICATIONS

	TYPE	THK. (MILS)	MIN DLB (VAC)	TEST FORCE (LB)
25N0136-100	UNCOATED	-	-	-
25N0136-10P	PARYLENE	0.5	1500 VAC	0.10

NOTES: UNLESS OTHERWISE SPECIFIED

- 10N = PARYLENE COATING [.00025 TH].
- 1/2 TURN IS A SINGLE PASS THROUGH ONLY HOLE 1 HOLE OF THE BALUN.

DIMENSIONS ARE IN mm [INCHES].

THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY AND CONFIDENTIAL TO STEWARD. NO PRODUCTION OR PUBLICATION OF THIS DOCUMENT IN WHOLE OR IN PART SHALL BE MADE WITHOUT WRITTEN AUTHORIZATION FROM STEWARD.

Steward

PROJECT/PART NUMBER:		PART TYPE:	REV	DRAWN BY:
25N0136-10P		BALUN	B	TMB
DATE	02/15/02	SCALE	12:1	MATERIAL:
CAD #	25N0136-10P-B	TOOL #	N0136	STEWARD 25
REV	DESCRIPTION	DATE	INT	
A	ORIGINAL DRAFT	02/15/02	TMB	
B	CHANGE P/N TO -10P PER TFC01-50 LIST CHANGE 1 TURN TO 1/2 ADD NOTE 2	10/25/05	TMB	