



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].

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PROJECT/PART NUMBER: 25N0136-10P		PART TYPE: BALUN	REV B	DRAWN BY: TMB
DATE 02/15/02	SCALE 12:1	MATERIAL: STEWARD 25		
CAD # 25N0136-10P-B		TOOL # N0136		
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	