



WINDOW AREA 18,200 cir. mils,
 CROSS SECTION 0.00953 in² 0.0615 cm²
 PATH LENGTH 0.704 in 1.787 cm
 WEIGHT 0.033 oz 0.93 gm
 (.002 lb.)

WINDING TURN LENGTH

WINDING FACTOR	LENGTH/TURN
100% (UNITY)	0.0524 ft 1.598 cm
60%	0.0482 ft 1.471 cm
40%	0.0442 ft 1.347 cm
20%	0.0424 ft 1.292 cm
0%	0.0417 ft 1.272 cm

CORE DIMENSIONS AFTER FINISH

OD (MAX.)	0.335 in	8.51 mm
ID (MIN.)	0.135 in	3.43 mm
HT (MAX.)	0.150 in	3.81 mm

Inductance/Turn²:

$$A_L = 52 \text{ nH/Turn}^2$$

WOUND COIL DIMENSIONS

UNITY WINDING FACTOR

OD (MAX.)	0.433 in	11.0 mm
HT (MAX.)	0.265 in	6.73 mm

WINDING INFORMATION

FOR UNITY WINDING FACTOR**

AWG	WIRE SIZE	TURNS	Rdc OHMS	AWG	WIRE SIZE	TURNS	Rdc OHMS
22		23	0.0191	34		300	4.10
23		28	0.0298	35		372	6.45
24		35	0.0467	36		459	9.98
25		43	0.0728	37		561	15.04
26		54	0.1152	38		701	23.8
27		68	0.1818	39		902	40.0
28		83	0.284	40		1,139	64.1
29		101	0.436	41		1,402	97.0
30		127	0.690	42		1,787	155.4
31		156	1.069	43		2,170	243
32		190	1.612	44		2,497	339
33		235	2.54				

NOTES:

PERMEABILITY vs DC BIAS

