

High Voltage Isolation Transformer 3304-XXX Series Amps

Description:

Magnelab's 3304-XXX Series of high isolation step up transformers are designed in cooperation with Underwriters Laboratory (UL) to be used for high potential (Hi-Pot) testing of surgical generators. Several turns ratios are available to accommodate input and output requirements. Custom ratios and other parameters may be available upon request.



MAGNELAB Part Number	Turns Ratio	Primary Turns	Secondary Turns	MAXIMUM PRIMARY VOLTAGE PEAK TO PEAK			
				100 KHz	250 KHz	500 KHz	750 KHz
3304-005	1:4	15	60	460V	1,150V	2,300V	3,450V
3304-006	1:2	15	30	460V	1,150V	2,300V	3,450V
3304-008	1:1.5	30	45	920V	2,300V	4,600V	6,900V
3304-009	1:1.1	30	33	460V	2,300V	4,600V	6,900V
3304-010	1:7	15	105	460V	1,150V	2,300V	3,450V
3304-012	1:8	15	120	460V	1,150V	2,300V	3,450V
3304-013	1:10	15	150	460V	1,150V	2,300V	3,450V
3304-014	1:3	30	90	920V	2,300V	4,600V	6,900V

SPECIFICATIONS					
MAGNELAB P/N	PRIMARY INDUCTANCE	LEAKAGE INDUCTANCE	DCR MAX. PRI. SEC.		ISOLATION
-005	585 uHy Min.	12 uHy Max.	190 mOHm	600 mOHm	10,000V
-006	585 uHy Min.	12 uHy Max.	190 mOHm	300 mOHm	10,000V
-008	2.3 mHy Min.	20 uHy Max.	190 mOHm	600 mOHm	10,000V
-009	2.3 mHy Min.	20 uHy Max.	700 mOHm	700 mOHm	10,000V
-010	585 uHy Min.	12 uHy Max.	190 mOHm	2.75 OHm	10,000V
-012	585 uHy Min.	12 uHy Max.	190 mOHm	2.75 OHm	10,000V
-013	585 uHy Min.	12 uHy Max.	190 mOHm	2.75 OHm	10,000V
-014	2.3 mHy Min.	20 uHy Max.	1.0 OHm	4.0 OHm	10,000V

DIMENSION	INCH	MM
A	2.50	63.49
B	2.13	54.10
C	2.00	50.79
D	0.300	7.61
E	0.390	9.90
F	1.350	34.29

Specifications

