

805 series design data

isolation transformers

DESIGN CONSTANTS

Product Code	Ae core area (cm ²)	le magnetic path length (cm)	Ve core volume (cm ³)	Wa bobbin winding area (cm ²)	WaAc core area x winding area (cm ⁴)	Bobbin winding width (mm)	Bobbin winding height (mm)	Mean length per turn (cm)	Surface area (cm ²)	VA Rating*	Weight (kg)
805-1	04.84	11.43	054.50	1.43	06.92	10.50	06.80	12.5	133	021.0	0.57
805-2	05.64	13.34	074.00	2.17	12.23	12.80	08.48	13.6	171	034.0	0.77
805-3	08.06	15.24	119.80	3.07	24.74	15.20	10.11	16.1	231	065.0	1.26
805-4	10.90	17.15	182.50	4.11	44.80	17.70	11.60	18.4	299	114.0	1.90
805-5	12.10	19.05	226.80	5.28	63.89	19.90	13.27	19.6	355	153.0	2.35

