

405 series design data

switch mode transformers

DESIGN CONSTANTS

Product Code	Ae (cm ²)	le (cm)	Ve (cm ³)	Wa (cm ²)	WaAc (mm ⁴)	Window width(cm)	Window width (in)	Window height (cm)	Window height (in)	Mean length per turn (ft)	Rth (deg C/Watt)
405-2016	0.62	3.74	2.31	0.26	1587	0.798	0.314	0.318	0.125	0.144	34
405-2020	0.62	4.54	2.79	0.38	2381	1.194	0.470	0.318	0.125	0.144	31
405-2620	1.19	4.63	5.49	0.33	3951	0.899	0.354	0.370	0.146	0.184	21
405-2625	1.18	5.55	6.53	0.50	5924	1.359	0.535	0.370	0.146	0.184	20
405-3220	1.70	5.55	9.42	0.47	7990	0.879	0.346	0.535	0.211	0.220	16
405-3230	1.61	7.46	11.97	0.99	16003	1.859	0.732	0.535	0.211	0.220	14
405-3535	1.96	8.79	17.26	1.59	31164	2.230	0.878	0.715	0.282	0.247	12
405-4040	2.01	10.19	20.45	2.49	50049	4.966	1.955	0.930	0.366	0.275	11

