

14-Terminal EXT, THT, Horizontal



- Through-hole
- Core direction: horizontal
- Reinforced insulation
- Extended rail

- Offline
- Lighting
- Metering
- Industrial controls
- White goods
- Telecom
- Charging
- Stand-by power

Core Part Number	Area (A _c) (mm ²)	Path Length (L _c) (mm)	Volume (V _c) (mm ³)
150-1945	32.00	46.00	1472.00

* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY

.118/.158 *
 [3.00/4.00]

TERM. NO.'s FOR REF. ONLY

.630 MAX.
 [16.00]

DOT LOCATES TERM. #1

.984 MAX.
 [25.00]

.874 MAX.
 [22.20]

0000000000

LOT CODE & DATE CODE

.020 SQ.(14)
 [.50]

PART MUST INSERT FULLY TO SURFACE A IN RECOMMENDED GRID

ALTERNATE MARKING DETAIL

#.052(14)
 [1.32]

.787
 [20.00]

.098(11)
 [2.49]

.197
 [5.00]

RECOMMENDED
 P.C. PATTERN, COMPONENT SIDE

A log-log plot showing the power capability of three converter topologies as a function of frequency. The x-axis represents Frequency in kHz, ranging from 10 to 1000. The y-axis represents Power in Watts, ranging from 1 to 1000. Three curves are plotted: Push-Pull (dotted line), DC/DC Flyback (long-dashed line), and Offline Flyback (short-dashed line). All three topologies show an increase in power capability with increasing frequency. The Push-Pull topology consistently provides the highest power capability, followed by the DC/DC Flyback, and then the Offline Flyback.

Frequency (kHz)	Push-Pull (W)	DC/DC Flyback (W)	Offline Flyback (W)
30	~40	~18	~15
100	~90	~45	~35
300	~150	~80	~60
1000	~200	~90	~70

Bobbin Part Number	Width (mm)	Build (mm)	Perimeter (mm)
070-5643	11.00	3.10	31.39



- A** Altium Library
- E** Eagle Library
- S** STEP 3D Model
- I** IGS 3D Model
- W** WRL 3D Model