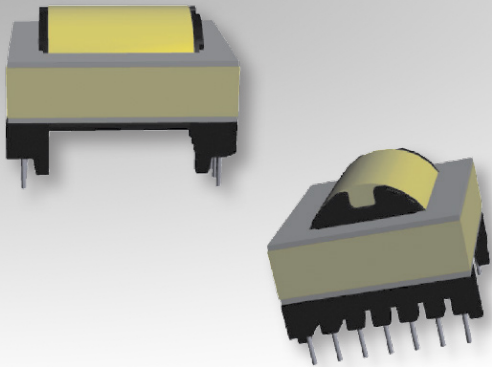


Bobbin Packages

ERL35

14-Terminal, THT, Horizontal



Characteristics:

This TH ERL35 package was developed for functional or special safety cases and low cost requirements. It features many terminals for multiple outputs, split coils, or parallel high current winds.

Applications:

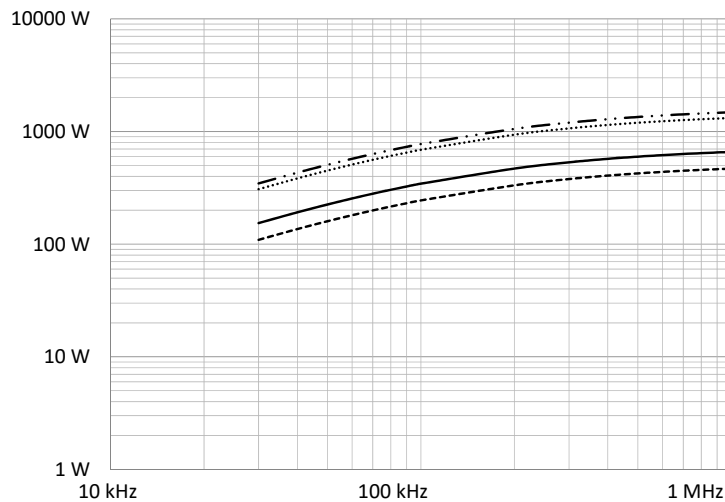
- Offline
- DC/DC converter
- Industrial controls
- Lighting
- White goods
- Telecom
- Charging
- Stand-by power
- PFC

Technical Data:

Order Code	Type of Insulation	Winding Width (mm)	Winding Build (mm)	Winding Perimeter (mm)	A_c (mm ²)	L_e (mm)	V_e (mm ³)	Core Order Code (Power)
070-5783	Functional/Reinforced	27.61	5.71	42.7	103	92.7	9548	150-2171

Order Code	L (mm)	W (mm)	H (mm)	G (mm)
070-5783	36.5 max.	44 max.	28.5 max.	3.4 ±0.4

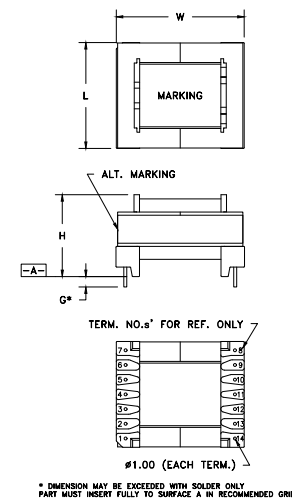
Estimated Maximum Power Level:



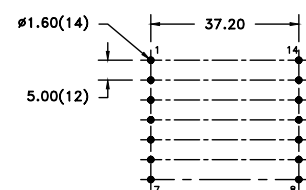
- Half-Bridge / Forward
- DC-DC Flyback
- Push-Pull
- Offline Flyback

All curves are DC-DC unless otherwise noted. For offline applications, the power level must be derated as shown in the flyback curves.

Dimensions:



Footprint (mm):



RECOMMENDED P.C. PATTERN, COMPONENT SIDE
TOLERANCE: ±.03