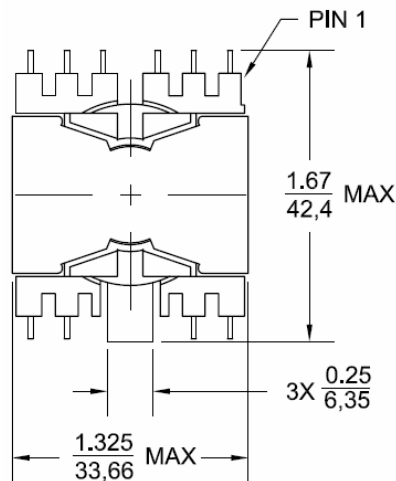


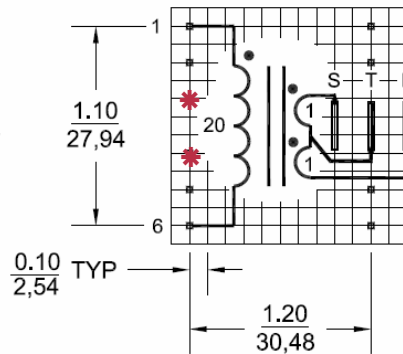
HYPER-XMT™ HXTH01260 BRIDGE CONVERTER TRANSFORMER



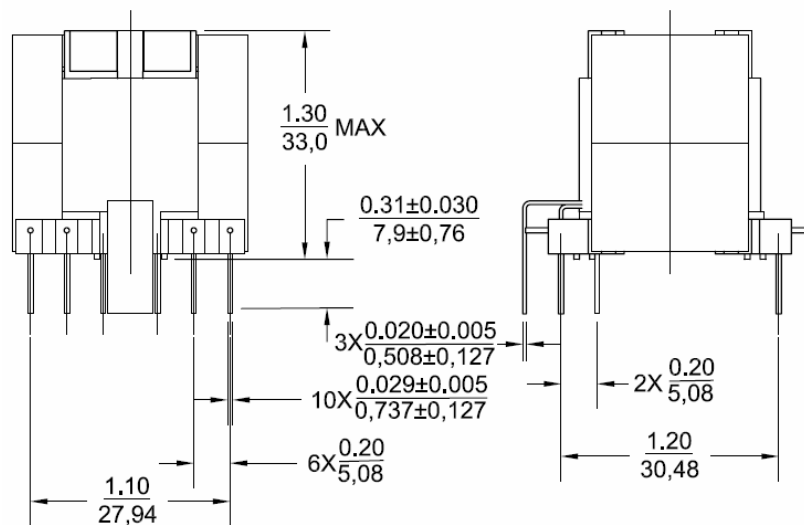
- Designed for Bridge Converters with 150kHz switching frequency
- Provides 720W (12V | 60A) output from 400VDC input
- Dissipation less than 1% of output
- 20:1:1 turns ratio
- Utilizes patent-pending Hyper-X Magnetic Technology™ winding optimization
- RoHS Compliant†



PIN PATTERN
TOP VIEW



* Terminals 3 and 4 are used for internal connections of transformer primary. External circuit connections must provide appropriate isolation for these terminals.



Dimensions: Inches
mm

Tolerances: ± 0.010" / 0,254mm
unless otherwise
specified.

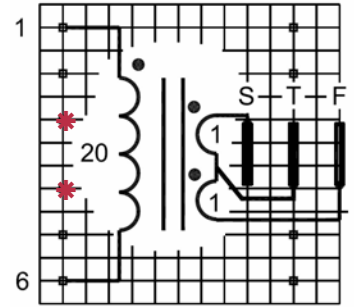


thinking big. designing small. magnetics to the highest power.

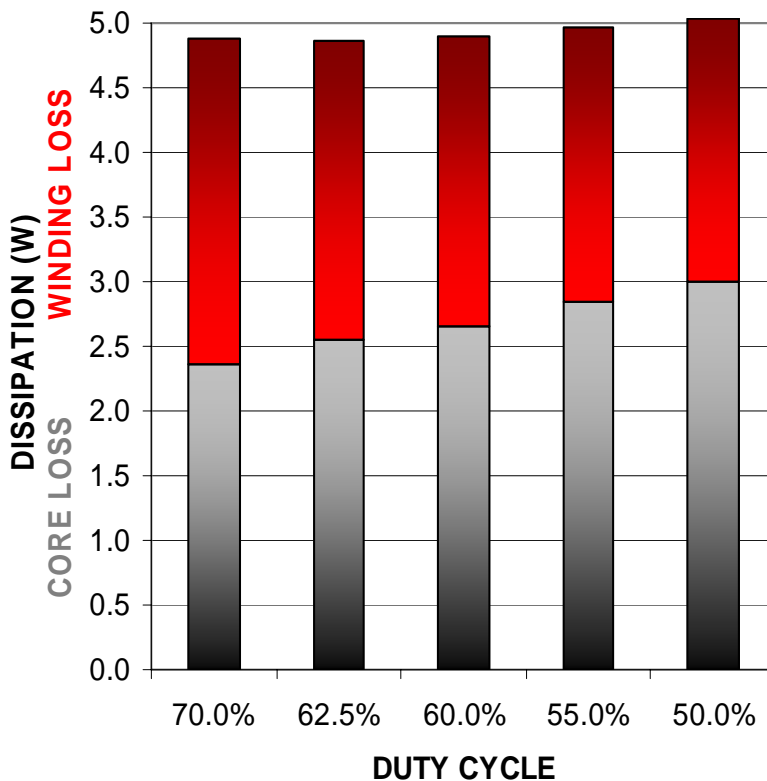
HYPER-XMT™ HXTH01260 BRIDGE CONVERTER TRANSFORMER

ELECTRICAL SPECIFICATIONS (@ +25°C)†:

DCR: Primary (1-6) = 0.055 Ω Max
 Secondary (S-F) = 0.70 mΩ Max
 OCL: Primary (1-6) = 1.5mH Min @ 150kHz
 SRF: 500 kHz Min
 LEAKAGE IND: 1.55μH Max @ 150kHz
 ET: Primary (1-6) = 950 VμS Min
 DWV: 2500 V_{RMS} Primary - Secondary
 2500 V_{RMS} Winding to Core



HXTH01260 DISSIPATION @ 80 C 720 W OUTPUT (TYPICAL)



† RoHS compliant version designated HXTH01260R.

‡ Contact Tabtronics for application specific installation recommendations.

**Working together, we will
be surprisingly powerful.**

We look forward to your call or email and invite you to learn more about our people, products, technologies, and philosophies at www.tabtronics.com.

About Tabtronics, Inc.

Tabtronics specializes in creating and commercializing advanced technology for electromagnetic components. The company's technology is relied upon by military, avionics, and high technology customers.

Tabtronics has 25 years experience in direct manufacture of electromagnetic components, and also licenses its technology to other manufacturers and system integrators. The firm's continuing focus is the development of innovative methods to provide efficient power through smaller components.



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