

OBSOLETE PRODUCT
 Contact factory for replacement model

**5 WATT UNREGULATED
 SIP DC/DC CONVERTER**

HPR7XX

FEATURES

- EFFICIENCY >80%
- SIP PACKAGE
- HIGH POWER DENSITY: > 16 WATTS/INCH³
- LOW COST

- SINGLE AND DUAL OUTPUTS
- INTERNAL INPUT AND OUTPUT FILTERING
- SIX-SIDED SHIELDING

DESCRIPTION

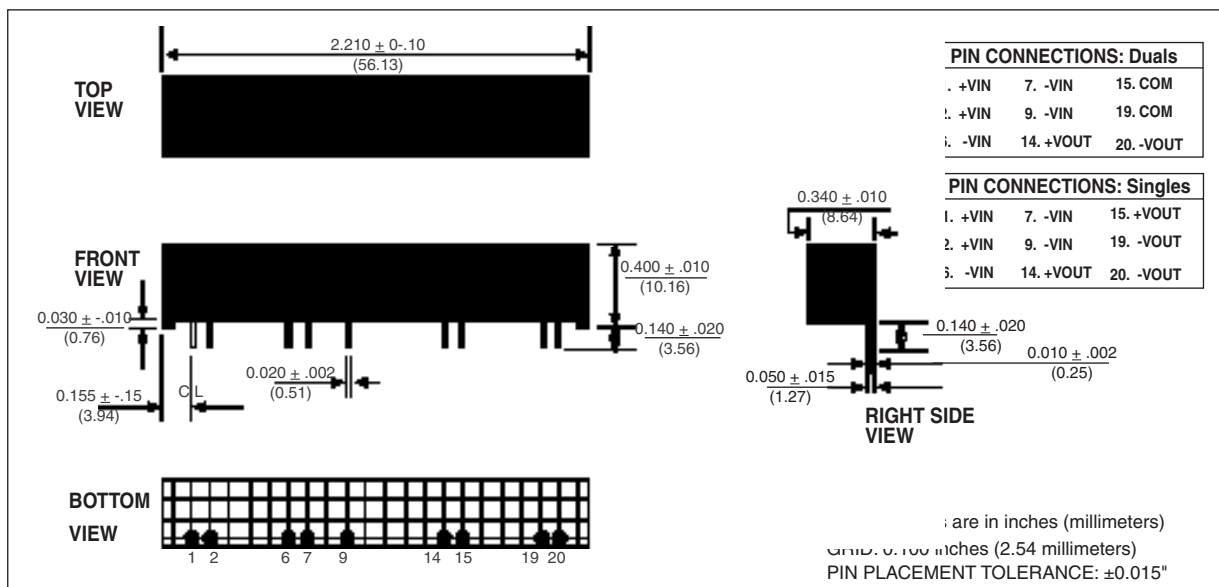
The HPR7XX Series provides high power densities where space is critical. The small SIP package measures only 2.2" x .3" x .4" (56 x 9 x 10 mm). Designed for high density boards, the package is non-conductive, which presents advantages over painted metal enclosures.

The series includes many different voltage models (other input and output voltages are available upon request), all set in a low thermal resistance molding compound, called Iso-ThermoFlex™, which provides excellent heat dissipation of internal components. The use of surface mount devices and manufacturing processes, combined with the encapsulation process, assure the user that the product is more environmentally rugged than any other DC/DC converter of its type.

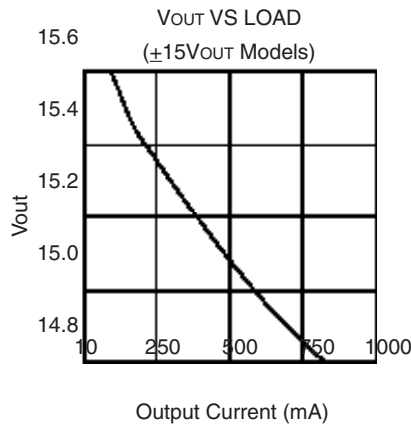
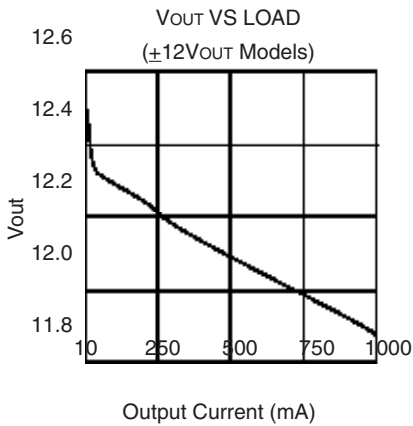
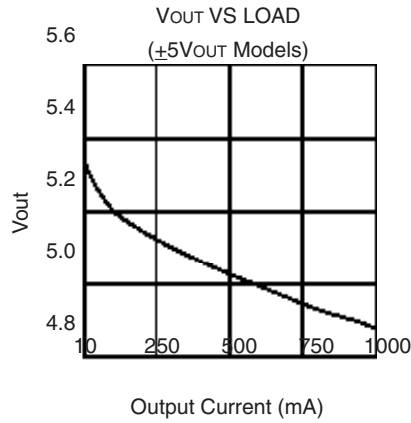
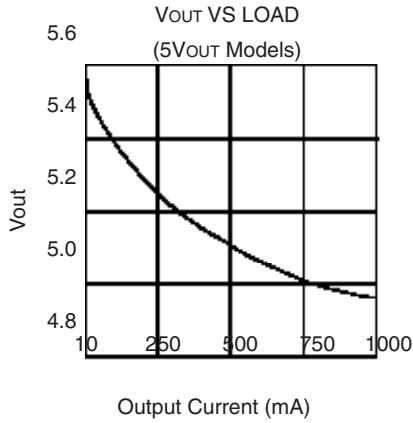
Operation down to no load will not impact the reliability of the series, although this product has a 10mA minimum load for specification purposes. It is recommended that all pins be used for current carrying capacity even though duplicate pin-outs are internally connected.

The HPR7XX has 500VDC isolation barrier between input and output, offering the designer maximum flexibility in grounding options and polarity configurations. The outstanding MTTF, superior reliability, and low cost make it an excellent choice for any high power- density applications.

MECHANICAL



TYPICAL PERFORMANCE CURVES



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Murata Power Solutions, Inc.
 11 Cabot Boulevard, Mansfield, MA 02048-1151 U.S.A.
 Tel: (508) 339-3000 (800) 233-2765 Fax: (508) 339-6356
 www.murata-ps.com email: sales@murata-ps.com ISO 9001 & ISO 14001 REGISTERED

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- USA:** Mansfield (MA), Tel: (508) 339 3000, email: sales@murata-ps.com
- Canada:** Toronto, Tel: (866) 740 1232, email: toronto@murata-ps.com
- UK:** Milton Keynes, Tel: +44 (0)1908 615232, email: mk@murata-ps.com
- France:** Montigny Le Bretonneux, Tel: +33 (0)1 34 60 01 01, email: france@murata-ps.com
- Germany:** München, Tel: +49 (0)89-544334-0, email: ped.munich@murata-ps.com
- Japan:** Tokyo, Tel: 3-3779-1031, email: sales_tokyo@murata-ps.com
Osaka, Tel: 6-6354-2025, email: sales_osaka@murata-ps.com
- China:** Shanghai, Tel: +86 215 027 3678, email: shanghai@murata-ps.com
Guangzhou, Tel: +86 208 221 8066, email: guangzhou@murata-ps.com
- Singapore:** Parkway Centre, Tel: +65 6348 9096, email: singapore@murata-ps.com