

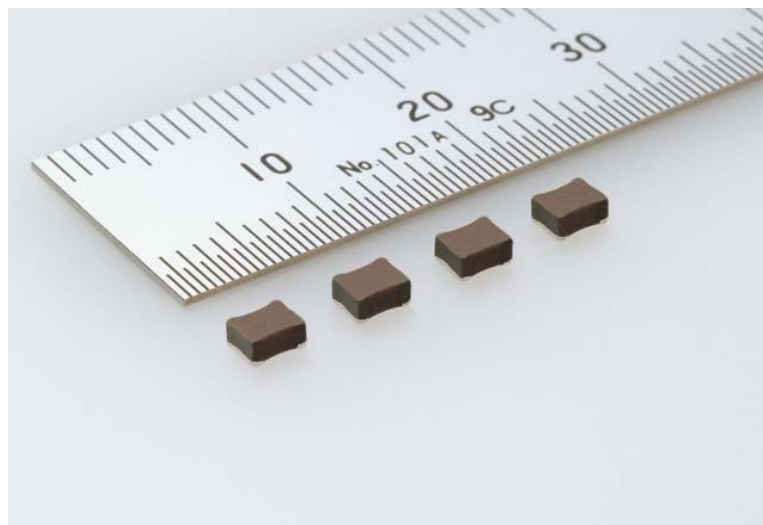
News Release

September 24, 2008

Taiyo Yuden: Achieves Rated Current of 2.4A with EIA 1210 Size Power Inductor

— Added High Current-Capable Part to Wire Wound Chip Inductor BR

Series —



Taiyo Yuden Co., Ltd. has added the BRL3225 series (3.2 x 2.5 x 1.7mm, height is maximum value), which achieves the highest level in the industry for rated current, to the chip-type wire wound power inductor BR series. BRL3225 achieves a rated current value of 2.4A (inductance value 1 μ H), the highest level in the industry for the EIA 1210 size chip inductor, enabling its application in digital still cameras, portable game devices, hard disk drives, and other devices requiring large current flows.

Mass production of this product is to begin in October 2008, at a pace of 10 million units per month. The sample price is 20 yen per unit.

Compact digital devices are increasingly using switch-mode DC-DC converters to achieve power savings. In particular, since digital still cameras, portable game devices, and hard disk drives need large current supply for ICs in order to handle more powerful performance, attention has turned to the DC bias characteristics of power inductors that play an important role in power circuit configurations.

Taiyo Yuden took the BR series' ability of completely eliminating wasted space to develop an optimized core shape and electrode structure for the EIA 1210 size. As a result, the company achieved a rated current value of 2.4A (inductance value 1 μ H), the highest level in the industry, while also maintaining a compact form.

This product will be on display at the Taiyo Yuden booth for CEATEC Japan 2008, to be held starting September 30, 2008 at Makuhari Messe (Mihama-ku, Chiba city).

The BRL3225 line-up is as follows.

Ordering code	Inductance[μ H]	Rdc [Ω]	Rated current [mA] max	
			Saturation current	Temperature rise current
BRL3225T 1R0M	1.0	0.043	2,400	2,200
BRL3225T 2R2M	2.2	0.065	1,850	1,600
BRL3225T 4R7M	4.7	0.180	1,300	1,000
BRL3225T 100M	10	0.350	900	700
BRL3225T 220M	22	0.690	550	470
BRL3225T 470M	47	1.00	420	390
BRL3225T 101M	100	2.50	270	250