

Ultra Small Size, Able to drive the Latest Digital LSI
with High-Speed Load Response!

22A BSV-H Series

High speed load response, output setting accuracy $\pm 1\%$ Step down DC-DC converter

Input: +3.0V to +5.5V Output: +1.5V (+0.6V to 1.5V)

- Ultra small size 23×27mm
- Ultra thin type 4.0mm
- High speed load response
- Output accuracy setting $\pm 1\%$
- Ultra high efficiency
- Over Current Protection
- Under Voltage Lock Out
- Remote ON/OFF control
- Adjustable Output Voltage
- Surface Mount Package (SMD)
- External Capacitor not required
- Heat Sink Not Required
- Non-isolated Type converter
- Operating Temp Range
-40°C to +85°C
(Temp Derating Required.)
- RoHS Compliance

Models	Input V	Output V	Output I	Line Reg.	Load Reg.	Ripple Noise	Efficiency
BSV-H 22A Series	Vdc	Vdc	A	%(typ.)	%(typ.)	mVpp(typ.)	%(typ.)
		1.5					
		(0.6 - 1.5)					

*Note 1: Ripple noise value is when input voltage is at 5V, output voltage is 1.5V and the rated output applies.

*Note 2: Ripple noise is measured at 20MHz bandwidth, with a multi layered ceramic capacitor with 47 μ F×2 at input and 22 μ F at output.

*Note 3: Depending on ambient temp conditions, air flow cooling may be required.

<Outline>

Units