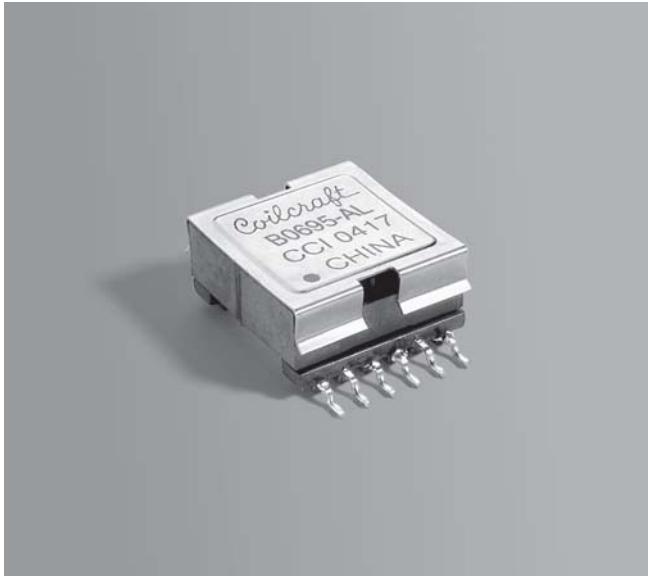




查询"B0695-AL"供应商

Flyback Transformer

For National Semiconductor
LM5020 PWM Controller



- Designed to operate up to 1 MHz with 36–72 V input.
- 3.3 V, 4.5 A output with secondary windings connected in parallel. Bias output is 12 V.
- Ideal for 13 W, IEEE 802.3af-compliant, PoE applications.

Core material Ferrite

Terminations RoHS tin-silver over tin over nickel over phos bronze. Other terminations available at additional cost.

Weight 12.8 g

Ambient temperature -40°C to $+85^{\circ}\text{C}$

Storage temperature Component: -40°C to $+85^{\circ}\text{C}$.

Packaging: -40°C to $+80^{\circ}\text{C}$

Resistance to soldering heat Max three 40 second reflows at $+260^{\circ}\text{C}$, parts cooled to room temperature between cycles

Moisture Sensitivity Level (MSL) 1 (unlimited floor life at $<30^{\circ}\text{C}$ / 85% relative humidity)

Failures in Time (FIT) / Mean Time Between Failures (MTBF)

38 per billion hours / 26,315,789 hours, calculated per Telcordia SR-332

Packaging 175 per 13" reel. Plastic tape: 44 mm wide, 0.4 mm thick, 32 mm pocket spacing, 11.9 mm pocket depth

PCB washing Only pure water or alcohol recommended

Part number ¹	L at 0 A ² ±10% (μH)	L at Ipk ³ ±10% (μH)	DCR max (Ohms) ⁴			Leakage L (μH) ⁵	Turns ratio ⁶ pri : sec pri : bias	Capacitance ⁷ (pF)	Ipk ³ (A)	Isolation ⁸ (Vrms)
			pri	aux	sec					
B0695-AL	110	99.0	0.133	0.656	0.019	1.11	1 : 0.23 1 : 0.69	110	1.5	1500

1. When ordering, please specify a **packaging** code:

B0695-AL D

Packaging: **D** = 13" machine ready reel. EIA-481 embossed plastic tape (175 per full reel).

B = Less than full reel. In tape, but not machine ready. To have a leader and trailer added (\$25 charge), use code letter D instead.

2. Inductance is for the primary, measured at 10 kHz, 0.1 Vrms, 0 Adc.

3. Ipk is the peak current drawn at minimum input voltage.

4. DCR for the secondary is per winding.

5. Leakage inductance measured between pins 4 and 6 with all other pins shorted.

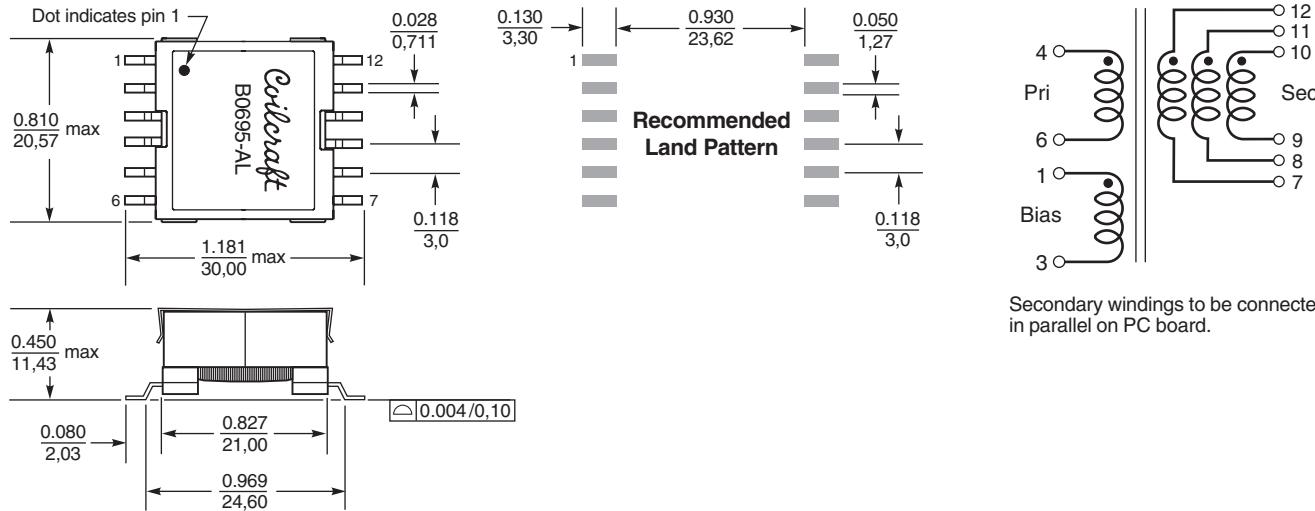
6. Turns ratio is with the secondary windings connected in parallel.

7. Capacitance measured between pins 3 and 4 with other pins shorted.

8. Isolation is measured from the primary and bias to the secondary.

9. Electrical specifications at 25°C .

Refer to Doc 362 "Soldering Surface Mount Components" before soldering.



Secondary windings to be connected in parallel on PC board.

Coilcraft[®]

Specifications subject to change without notice.
Please check our website for latest information.

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