

BOURNS

Features

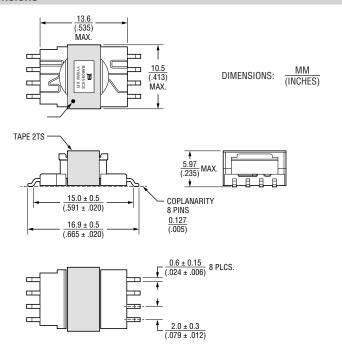
- Isolated flyback transformer
- Designed for isolated power supplies operating at 120 kHz
- Working voltage: 800 V
- Basic insulation
- 2.25 watts of output power
- RoHS compliant*
- AEC-Q200 compliant

BA60951CS - Flyback Transformer

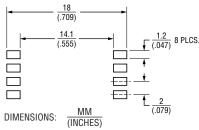
Electrical Specifications @ 25 °C

Bourns Part Number	Primary Inductance @ 250 kHz / 0.1 V ±10 % (µH)	Leakage Inductance @ 250 kHz / 0.1 V (All Sec. Pins Shorted) max. (µH)	Turns	Ratio		DCR (Ω) max		Isat (A)
	L (1-2)	Lk (1-3)	P(1-2) : A(3-4)	P(1-2) : S(8-6)	Pri (1-2)	Aux (3-4)	Sec (8-6)	L (1-2)
BA60951CS	25	0.6	1.27	0.77	0.55	0.55	0.66	1.4

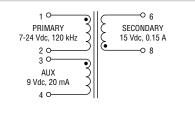
Product Dimensions



Recommended Layout



Electrical Schematic



Additional Information

Click these links for more information:











General Specifications

Materials

CoreFerrite
Wire Enameled/triple-insulated copper
Terminal Finish Sn
Packaging 550 pcs. per 13-inch reel

Moisture Sensitivity Level.....1

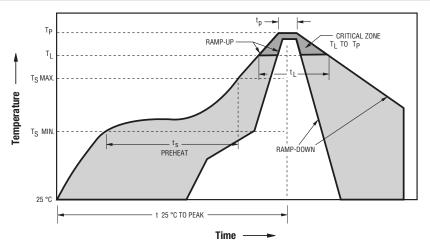


WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

BA60951CS – Flyback Transformer

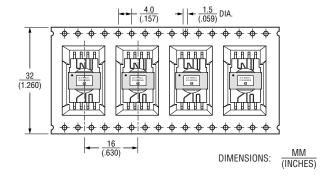
BOURNS

Soldering Profile



Profile Feature	Pb-Free Assembly		
Average Ramp-Up Rate (Ts _{max} to T _p)	3 °C / second max.		
PREHEAT: Temperature Min. (Ts _{min}) Temperature Max. (Ts _{max}) Time (Ts _{min} to Ts _{max}) (ts)	150 °C 200 °C 60~180 seconds		
TIME MAINTAINED ABOVE: Temperature (T _L) Time (t _L)	217 °C 60~150 seconds		
Peak Temperature (T _p)	245-250 °C		
Time within 5 °C of Actual Peak Temperature (tp)	20~40 seconds		
Ramp-Down Rate	6 °C / second max.		
Time 25 °C to Peak Temperature	8 minutes max.		

Packaging Specifications



How to Order BA 60951C S Automotive Grade Model Number Surface Mount **Typical Part Marking** B MANUFACTURER'S TRADEMARK MODEL NUMBER BA60951CS YYWW X R → DATE CODE YY: YEAR WW: WEEK X: DAY A: MONDAY B: TUESDAY C: WEDNESDAY

D: THURSDAY

E: FRIDAY F: SATURDAY

G: SUNDAY R: REVISION

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