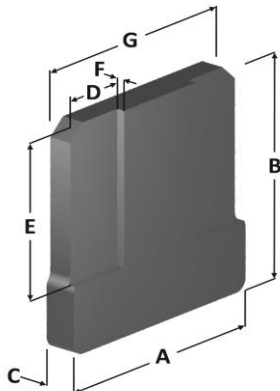




Part Number:

IC098B12E-650

Revision 20200517 - Generated 2020-May-18



A	9.80 ± 0.20 mm	0.386 ± 0.008 in
B	9.80 ± 0.20 mm	0.386 ± 0.008 in
C	1.20 ± 0.10 mm	0.047 ± 0.004 in
D	2.50 mm (nom.)	0.098 in (nom.)
E	6.80 mm (nom.)	0.268 in (nom.)
F	0.25 ± 0.05 mm	0.010 ± 0.002 in
G	9.40 ± 0.20 mm	0.370 ± 0.008 in
Mass	(approximate)	0.63 grams
Core Loss	$\text{Core Loss (mW/cm}^3\text{)} = \frac{a}{B_{pk}^3} + \frac{b}{B_{pk}^{2.3}} + \frac{c}{B_{pk}^{1.65}} + d \cdot B_{pk}^2 \cdot f^2$	
	where B_{pk} expressed in gauss, f expressed in hertz, and: $a=6.90E+09$, $b=6.00E+07$, $c=1.10E+06$, $d=2.50E-14$	
	B_{pk}	140 G
	frequency	100 kHz
	Core Loss (nominal)	33 mW/cm ³
DC Saturation	$\% \mu_i = \frac{1}{a + b \cdot H^c} + d$	
	where H expressed in oersteds, and: $a=1.00E-02$, $b=6.16E-06$, $c=1.50$, $d=0.00$	
	H_{DC}	100 Oe
	Percent Initial Perm.(nom.)	62.1%
Coating/Pkg	Coating Type:	Per UL Card File #E140098(S), Black, Outer Surface only
	Voltage Breakdown (min.)	N/A
	Limit	N/A
	Package Quantity	15,000/Box

