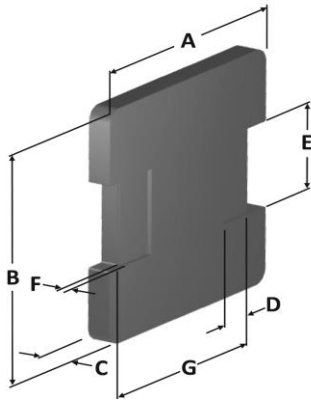




Part Number: IC054T08A-660
 Revision 20200517 - Generated 2020-May-18



A	5.48 ± 0.15 mm	0.216 ± 0.006 in
B	5.13 ± 0.15 mm	0.202 ± 0.006 in
C	0.80 ± 0.10 mm	0.031 ± 0.004 in
D	1.24 mm (nom.)	0.049 in (nom.)
E	1.50 mm (nom.)	0.059 in (nom.)
F	0.05 ± 0.05 mm	0.002 ± 0.002 in
G	4.98 ± 0.15 mm	0.196 ± 0.006 in
Mass	(approximate)	0.13 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: $a=1.72E+10$, $b=4.96E+07$, $c=1.23E+06$, $d=1.73E-14$	
	B_{pk}	140 G
	frequency	100 kHz
	Core Loss (nominal)	17 mW/cm ³
Core Loss (maximum)	20 mW/cm ³	
DC Saturation	$\% \mu_i = \frac{1}{a + b \cdot H^c} + d$	
	where H expressed in oersteds, and: $a=1.00E-02$, $b=1.23E-05$, $c=1.48$, $d=0.00$	
	H_{DC}	50 Oe
	Percent Initial Perm.(nom.)	71.0%
	Percent Initial Perm.(min.)	65.1%
Coating/Pkgs	Coating Type:	Per UL Card File #E140098(S), Black, Outer Surface only
	Voltage Breakdown (min.)	N/A
	Limit	N/A
	Package Quantity	28,000/Box

