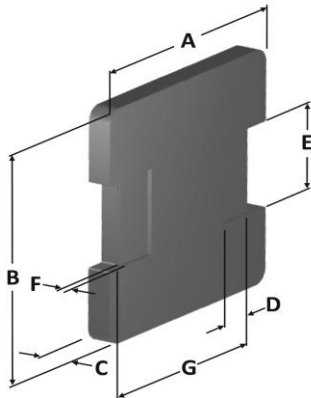




**Part Number:** IC045C07D-660  
 Revision 20200517 - Generated 2020-May-18



<b>A</b>	4.50 ± 0.15 mm	0.177 ± 0.006 in
<b>B</b>	4.50 ± 0.15 mm	0.177 ± 0.006 in
<b>C</b>	0.65 ± 0.10 mm	0.026 ± 0.004 in
<b>D</b>	0.85 mm (nom.)	0.033 in (nom.)
<b>E</b>	2.00 mm (nom.)	0.079 in (nom.)
<b>F</b>	0.20 ± 0.05 mm	0.008 ± 0.002 in
<b>G</b>	4.20 ± 0.15 mm	0.165 ± 0.006 in
<b>Mass</b>	(approximate)	0.07 grams
<b>Core Loss</b>	$\text{Core Loss (mW/cm}^3\text{)} = \frac{a}{B_{pk}^3} + \frac{b}{B_{pk}^{2.3}} + \frac{c}{B_{pk}^{1.65}} + d \cdot B_{pk}^2 \cdot f^2$	
	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 <sup>3</sup>
Core Loss (maximum)	20 mW/cm <sup>3</sup>	
<b>DC Saturation</b>	$\% \mu_i = \frac{1}{a + b \cdot H^c} + d$	
	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%	
<b>Coating/Pkgs</b>	Coating Type:	Per UL Card File #E140098(S), Black, Outer Surface only
	Voltage Breakdown (min.)	N/A
	Limit	N/A
	Package Quantity	60,000/Box

