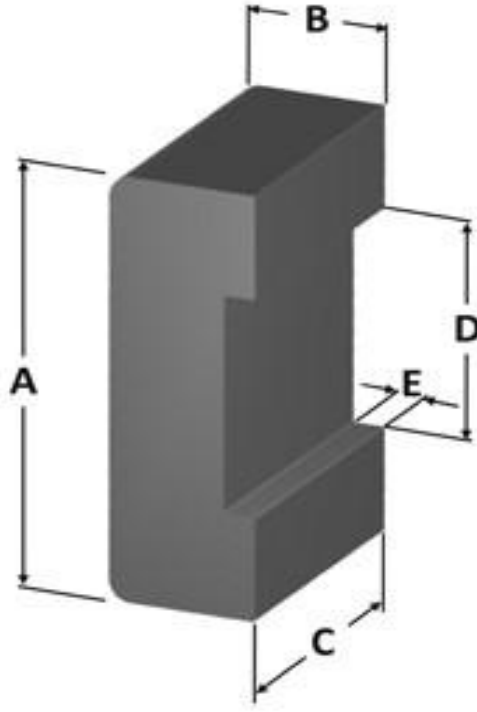




Part Number:

HS135-26

Revision 20200407 - Generated 2020-Apr-07



A	18.29 ± 0.38 mm	0.720 ± 0.015 in
B	3.81 ± 0.20 mm	0.150 ± 0.008 in
C	10.16 ± 0.51 mm	0.400 ± 0.020 in
D	13.21 mm (nom.)	0.520 in (nom.)
E	1.40 mm (nom.)	0.055 in (nom.)
Mass	(approximate)	3.4 grams/half
Magnetic Dimensions	A _e - Eff. Mag. Cross Section	0.245 cm ²
	L _e - Eff. Mag. Path Length	4.19 cm
	V _e - Eff. Core Volume	0.984 cm ³
	WA - Min. Eff. Window Area	0.369 cm ²
	sa - Surface Area	8.05 cm ²
	mlt - mean length per turn	3.07 cm
Inductance	μ _i (reference)	75
	A _L value (nominal)	56.08 nH/N ²
	Test Winding	N=25, #28 AWG
	Frequency	10 kHz
	Voltage on Agilent 4284A	0.027 V
	A _L tolerance	±10%
Core Loss	$\text{Core Loss (mW/cm}^3\text{)} = \frac{f}{\frac{a}{B_{pk}^3} + \frac{b}{B_{pk}^{2.3}} + \frac{c}{B_{pk}^{1.65}}} + d \cdot B_{pk}^2 \cdot f^2$	
	where B _{pk} expressed in gauss, f expressed in hertz, and: a=1.00E+09, b=1.10E+08, c=1.90E+06, d=1.90E-13	
	B _{pk}	140 G
	frequency	100 kHz
	Core Loss (nominal)	83 mW/cm ³
	Core Loss (maximum)	95 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=9.70E-06, c=1.72, d=0.00	
	H _{DC}	50 Oe
	Percent Initial Perm(nom.)	55.2%
	Percent Initial Perm(min.)	47.4%
Coating/Pkg	Coating Type:	Yellow epoxy, outer surface only
	Voltage Breakdown (min.)	N/A
	Limit	N/A
	Package Quantity	4,000 Halves/Box

