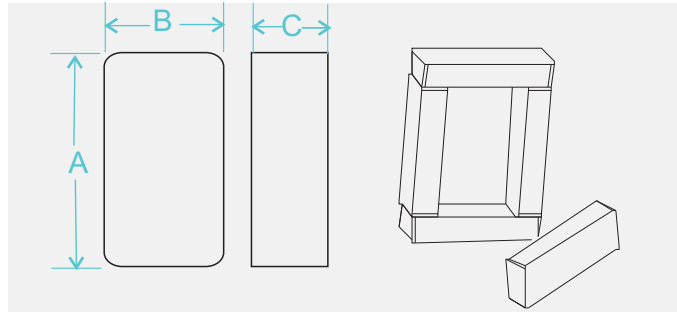


SPECIFICATION FOR APPROVAL

1. Material

Production:	Block Cores
KDM.P/N:	S5030B-E20-060
A_L :	$247(\text{nH/N}^2) \pm 12\%$
Material:	60μ
Coating Color:	Uncoated
Coating material:	
Coating Breakdown Voltage:	



2. Physical Characteristics

Cores Dimension(mm)			l_e (cm)	A_e (cm ²)	V (cm ³)	W (cm ²)	Weight	Box Quantity (Pieces)
A (± 0.5)	B (± 0.3)	C (± 0.4)						
50.5	30.3	20.0	18.280	6.000	109.68	5.00	177.0g	80

3. Electrical Parameters(Typical) Temperature(25°C \pm 2°C)

Test Item	Test Condition	Value(Typical)
Inductance	ϕ 1.2mm/100Ts, 20kHz/1V, $I_{DC}=0A$ (two Winding Parallel)	2.47mH \pm 12%
DC-Bias	ϕ 1.2mm/100Ts, 20kHz/1V, $I_{DC}=14.6A$ ($H_{DC}=100Oe$)(two Winding Parallel)	1.04mH(Min.)
Core Loss	50kHz/1000Gs	350mW/cm ³ (Max.)
Remarks		

4. Typical Part Number

S	50	30	B	E20	-060
	(mm) Size A: The Length of Core	(mm) Size B: The Width of Core	: Block Cores	(mm) Size C: Height of Core	(μ_e): Permeability