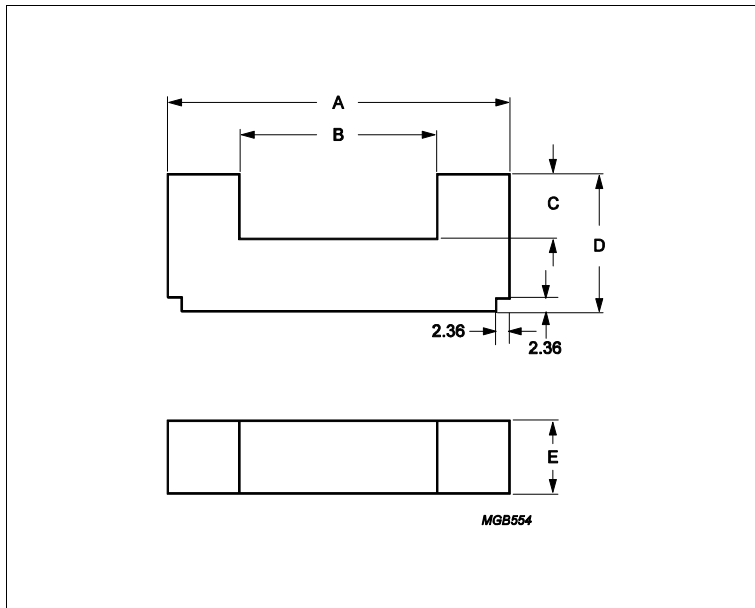


## Core **U67/27/14**



Effective parameters				
	Parameter	Value	Unit	
	$\Sigma(I/A)$	core factor (C1)	0.85	mm <sup>-1</sup>
	<b>Ve</b>	effective volume	35200	mm <sup>3</sup>
	<b>Le</b>	effective length	173	mm
	<b>Ae</b>	effective area	204	mm <sup>2</sup>
	<b>Amin</b>	minimum area		mm <sup>2</sup>
	<b>m</b>	U67/27/14	≈ 85	g/pcs

Dimensions for product: U67/27/14						
	Nom	Tol +	Tol -	Max	Min	Unit
<b>A</b>	67.30	1.30	1.30	68.60	66.00	mm
<b>B</b>	38.80	0.80	0.80	39.60	38.00	mm
<b>C</b>	12.70	0.25	0.25	12.95	12.45	mm
<b>D</b>	27.00	0.15	0.15	27.15	26.85	mm
<b>E</b>	14.30	0.40	0.40	14.70	13.90	mm

Inductance factor					
Material	Value	Tol +	Tol -	Unit	
3C90	3100	25%	25%	nH/turns <sup>2</sup>	
3C91	3800	25%	25%	nH/turns <sup>2</sup>	

Power loss: 3C90					
Measuring conditions			Max	Unit	
25 kHz	200 mT	100 °C	4.200	W/set	
Power loss: 3C91					
Measuring conditions			Max	Unit	
100 kHz	200 mT	60 °C	18.000	W/set	

Bsat					
Measuring conditions			Material	Min	Unit
25 kHz	250 A/m	100 °C	3C90	320	mT
25 kHz	250 A/m	100 °C	3C91	320	mT