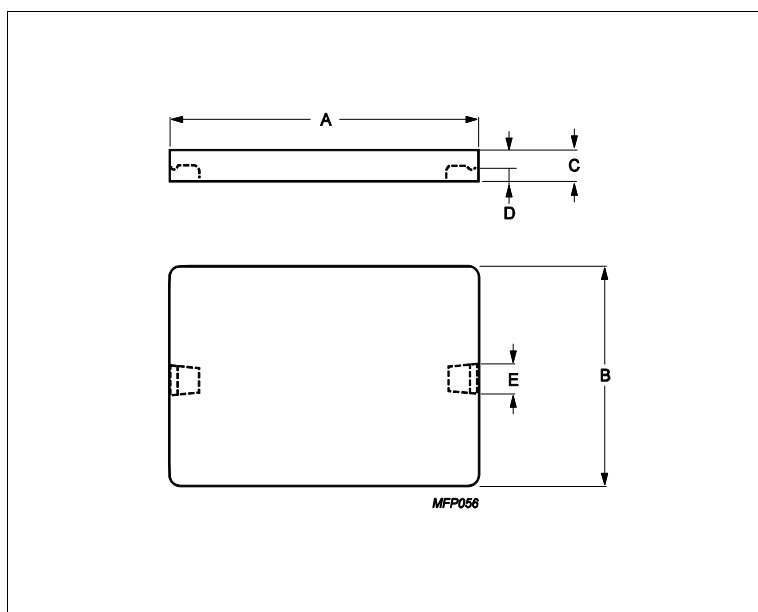
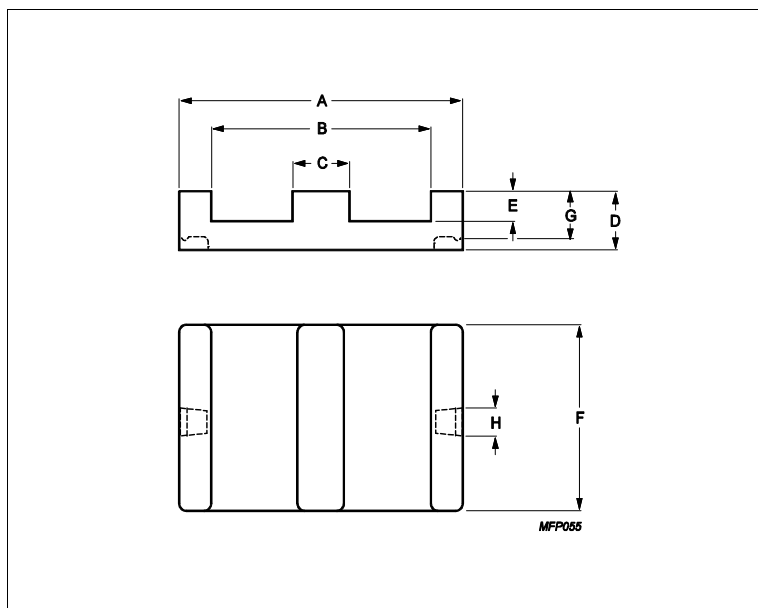


Core **E32/6/20/R + PLT32/20/3.2/R**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.278	mm ⁻¹
Ve	effective volume	4560	mm ³
Le	effective length	35.1	mm
Ae	effective area	130	mm ²
Amin	minimum area	119	mm ²
m	E32/6/20/R	≈ 13	g/pcs
m	PLT32/20/3.2/R	≈ 10	g/pcs

Dimensions for product: E32/6/20/R						
	Nom	Tol +	Tol -	Max	Min	Unit
A	31.75	0.64	0.64	32.39	31.11	mm
B					24.90	mm
C	6.35	0.13	0.13	6.48	6.22	mm
D	6.35	0.13	0.13	6.48	6.22	mm
E	3.18	0.20	0.20	3.38	2.98	mm
F	20.32	0.41	0.41	20.73	19.91	mm
G	5.30			5.30	5.30	mm
H	5.00	0.20	0.00	5.20	5.00	mm
Dimensions for product: PLT32/20/3.2/R						
	Nom	Tol +	Tol -	Max	Min	Unit

Core **E32/6/20/R + PLT32/20/3.2/R**

Dimensions for product: PLT32/20/3.2/R						
	Nom	Tol +	Tol -	Max	Min	Unit
A	31.75	0.64	0.64	32.39	31.11	mm
B	20.32	0.41	0.41	20.73	19.91	mm
C	3.18	0.13	0.13	3.31	3.05	mm
D	2.13			2.13	2.13	mm
E	5.00	0.20	0.00	5.20	5.00	mm

Inductance factor					
Material	Value	Tol +	Tol -	Unit	
3C92	5760	25%	25%	nH/turns ²	
3C95	8750	25%	25%	nH/turns ²	
3C96	7350	25%	25%	nH/turns ²	
3C97	8750	25%	25%	nH/turns ²	
3F36	4900	25%	25%	nH/turns ²	
3F4	3700	25%	25%	nH/turns ²	

Power loss: 3C92					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	2.300	W/set	
Power loss: 3C95					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	2.200	W/set	
100 kHz	200 mT	25 °C	2.400	W/set	
Power loss: 3C96					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	2.100	W/set	
400 kHz	50 mT	100 °C	0.820	W/set	
Power loss: 3C97					
Measuring conditions			Max	Unit	
100 kHz	200 mT	60 °C	2.300	W/set	
100 kHz	200 mT	120 °C	2.200	W/set	
100 kHz	200 mT	140 °C	2.700	W/set	
Power loss: 3F36					
Measuring conditions			Max	Unit	
500 kHz	50 mT	100 °C	0.680	W/set	
500 kHz	100 mT	100 °C	5.200	W/set	
Power loss: 3F4					
Measuring conditions			Max	Unit	
1000 kHz	30 mT	100 °C	1.400	W/set	
3000 kHz	10 mT	100 °C	2.300	W/set	

Bsat			
Measuring conditions	Material	Min	Unit

Core **E32/6/20/R + PLT32/20/3.2/R**

25 kHz	250 A/m	100 °C	3C92	370	mT
25 kHz	250 A/m	100 °C	3C95	330	mT
25 kHz	250 A/m	100 °C	3C96	340	mT
25 kHz	250 A/m	100 °C	3C97	330	mT
25 kHz	250 A/m	100 °C	3F36	340	mT
25 kHz	250 A/m	100 °C	3F4	330	mT