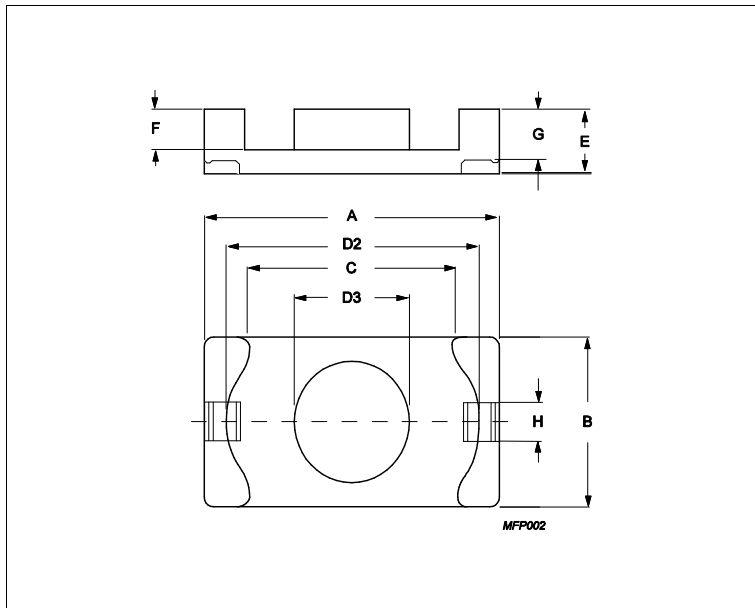
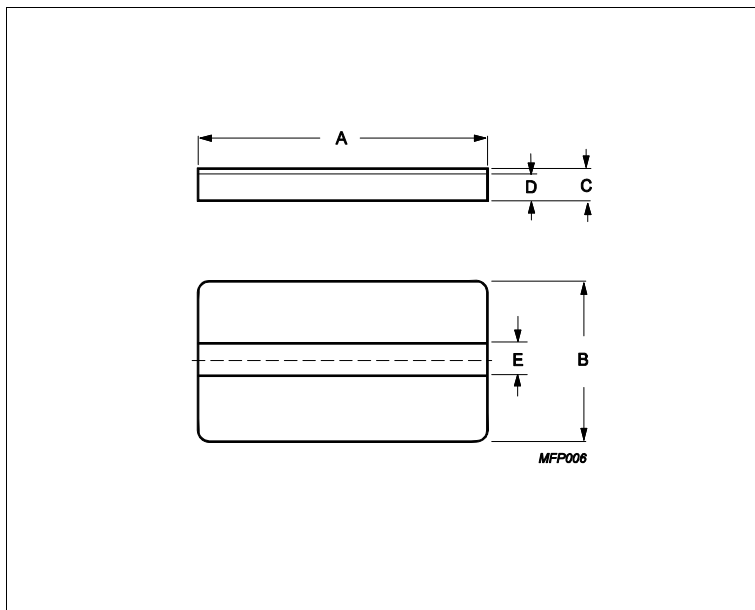


Core **EQ20/R + PLT20/14/2/S**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.42	mm ⁻¹
Ve	effective volume	1500	mm ³
Le	effective length	25.1	mm
Ae	effective area	59.8	mm ²
Amin	minimum area	55	mm ²
m	EQ20/R	≈ 5.1	g/pcs
m	PLT20/14/2/S	≈ 3	g/pcs



Dimensions for product: EQ20/R						
	Nom	Tol +	Tol -	Max	Min	Unit
A	20.00	0.35	0.35	20.35	19.65	mm
B	14.00	0.30	0.30	14.30	13.70	mm
C	12.86	0.35	0.35	13.21	12.51	mm
D2	18.00	0.35	0.35	18.35	17.65	mm
D3	8.80	0.15	0.15	8.95	8.65	mm
E	6.30	0.10	0.10	6.40	6.20	mm
F	4.10	0.15	0.15	4.25	3.95	mm
G	5.30	0.15	0.15	5.45	5.15	mm
H	2.90	0.10	0.10	3.00	2.80	mm

Core **EQ20/R + PLT20/14/2/S**

Dimensions for product: PLT20/14/2/S						
	Nom	Tol +	Tol -	Max	Min	Unit
A	20.00	0.35	0.35	20.35	19.65	mm
B	14.00	0.30	0.30	14.30	13.70	mm
C	2.30	0.05	0.05	2.35	2.25	mm
D	1.90	0.10	0.10	2.00	1.80	mm
E	3.00	0.10	0.10	3.10	2.90	mm

Inductance factor					
Material	Value	Tol +	Tol -	Unit	
3C95	4160	25%	25%	nH/turns ²	
3C96	3150	25%	25%	nH/turns ²	
3F36	2500	25%	25%	nH/turns ²	
3F46	1900	25%	25%	nH/turns ²	

Power loss: 3C95					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	0.720	W/set	
100 kHz	200 mT	25 °C	0.780	W/set	

Power loss: 3C96					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	0.670	W/set	
400 kHz	50 mT	100 °C	0.270	W/set	

Power loss: 3F36					
Measuring conditions			Max	Unit	
500 kHz	50 mT	100 °C	0.220	W/set	
500 kHz	100 mT	100 °C	1.700	W/set	

Power loss: 3F46					
Measuring conditions			Max	Unit	
1000 kHz	50 mT	100 °C	0.600	W/set	
3000 kHz	10 mT	100 °C	0.220	W/set	

Bsat					
Measuring conditions			Material	Min	Unit
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	3F36	340	mT
25 kHz	250 A/m	100 °C	3F46	330	mT

Accessories		
Ordering name	Description	Ordering code
CLM-EQ20/PLT20	Clamp	432202104431