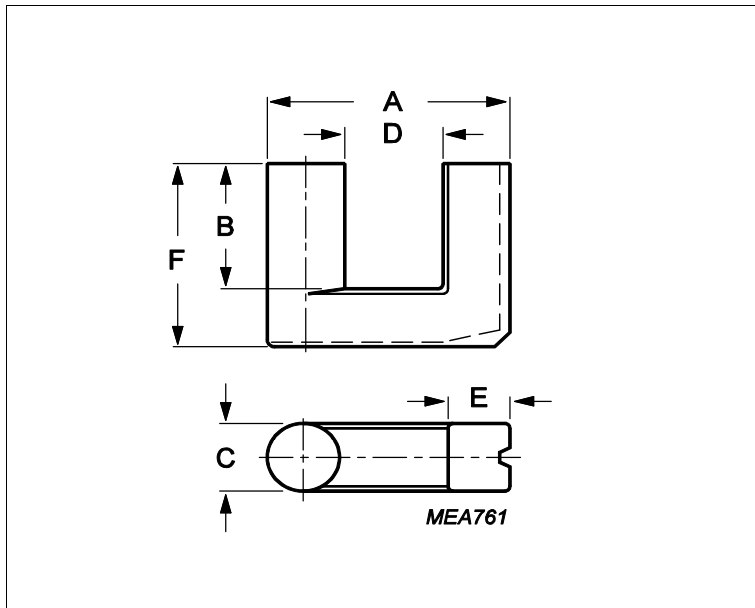


Core **UR48/39/17**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.865	mm ⁻¹
Ve	effective volume	39990	mm ³
Le	effective length	186	mm
Ae	effective area	215	mm ²
Amin	minimum area	215	mm ²
m	UR48/39/17	≈ 100	g/pcs

Dimensions for product: UR48/39/17						
	Nom	Tol +	Tol -	Max	Min	Unit
A	48.40	0.80	0.80	49.20	47.60	mm
B	26.90	0.40	0.40	27.30	26.50	mm
C	17.10	0.40	0.40	17.50	16.70	mm
D	18.20	0.80	0.70	19.00	17.50	mm
E	13.10	0.30	0.30	13.40	12.80	mm
F	39.40	0.30	0.30	39.70	39.10	mm

Inductance factor				
Material	Value	Tol +	Tol -	Unit
3C90	3000	25%	25%	nH/turns ²

Power loss: 3C90				
Measuring conditions			Max	Unit
25 kHz	200 mT	100 °C	4.800	W/set

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