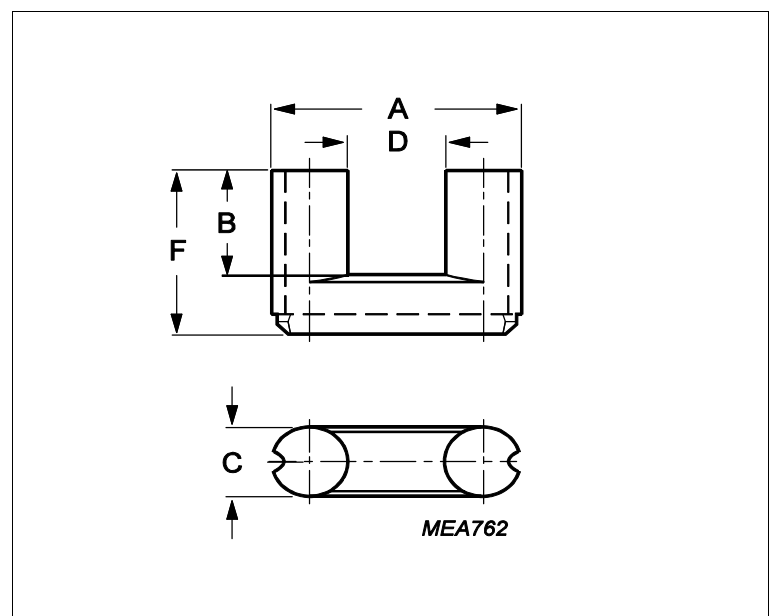


Core

UR42/21/12



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	1.09	mm ⁻¹
Ve	effective volume	11800	mm ³
Le	effective length	113	mm
Ae	effective area	104	mm ²
Amin	minimum area		mm ²
m	UR42/21/12	≈ 31	g/pcs

Dimensions for product: UR42/21/12						
	Nom	Tol +	Tol -	Max	Min	Unit
A	41.80	0.80	0.80	42.60	41.00	mm
B	11.10	0.20	0.20	11.30	10.90	mm
C	11.94	0.25	0.25	12.19	11.69	mm
D	18.80	0.56	0.56	19.36	18.24	mm
F	20.60	0.13	0.13	20.73	20.47	mm

Inductance factor				
Material	Value	Tol +	Tol -	Unit
3C90	2400	25%	25%	nH/turns ²

Power loss: 3C90				
Measuring conditions			Max	Unit
25 kHz	200 mT	100 °C	1.400	W/set

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