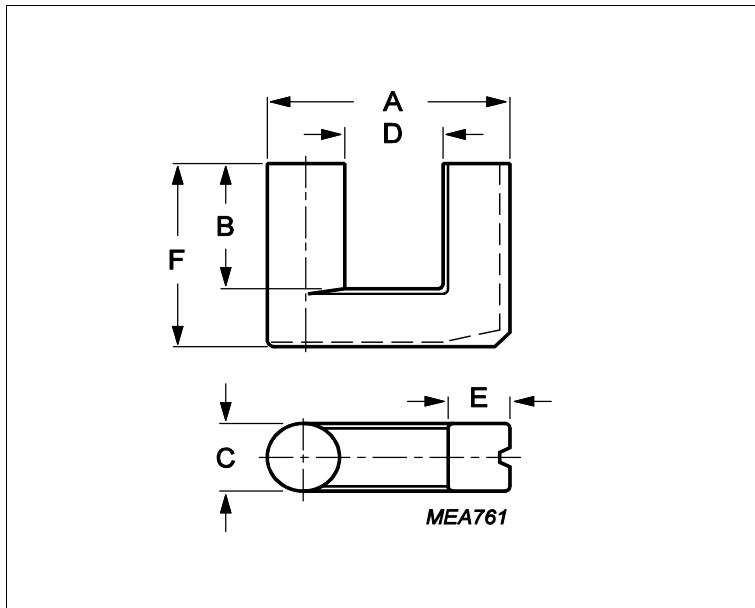


Core **UR35/27.5/13**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	1	mm ⁻¹
Ve	effective volume	16640	mm ³
Le	effective length	129	mm
Ae	effective area	129	mm ²
Amin	minimum area		mm ²
m	UR35/27.5/13	≈ 41	g/pcs

Dimensions for product: UR35/27.5/13						
	Nom	Tol +	Tol -	Max	Min	Unit
A	35.40	0.50	0.50	35.90	34.90	mm
B	17.50	0.30	0.30	17.80	17.20	mm
C	13.00	0.30	0.30	13.30	12.70	mm
D					12.00	mm
E	10.00	0.30	0.30	10.30	9.70	mm
F	27.50	0.30	0.30	27.80	27.20	mm

Inductance factor				
Material	Value	Tol +	Tol -	Unit
3C90	2600	25%	25%	nH/turns ²

Power loss: 3C90				
Measuring conditions			Max	Unit
25 kHz	200 mT	100 °C	2.000	W/set

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