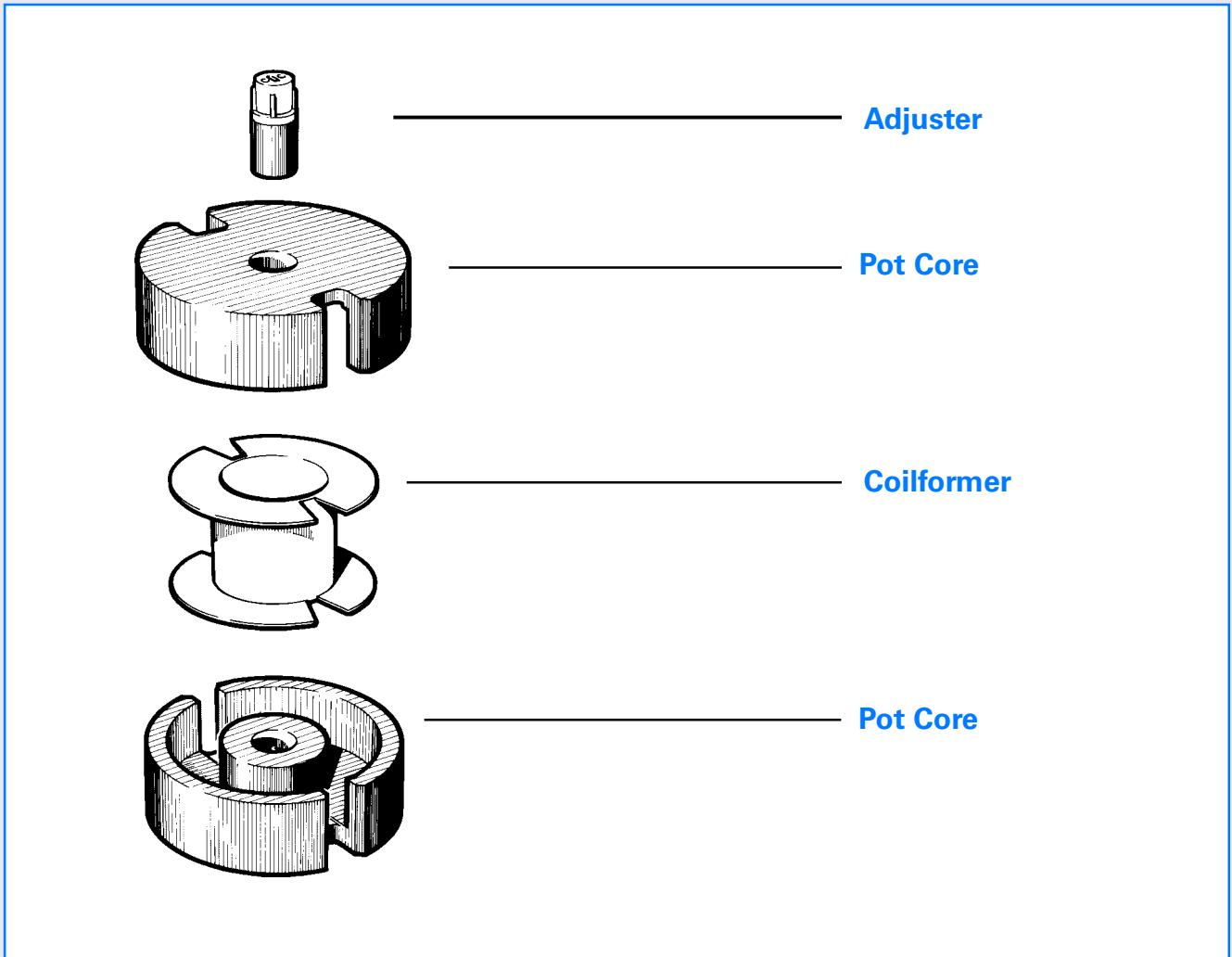


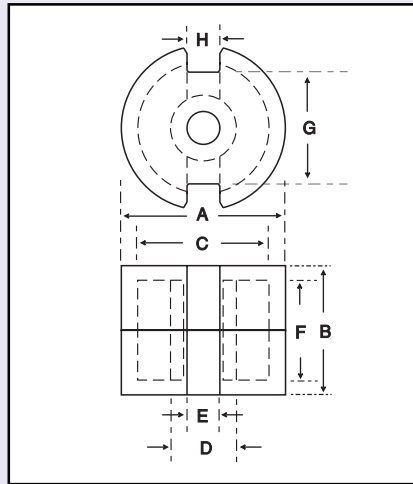
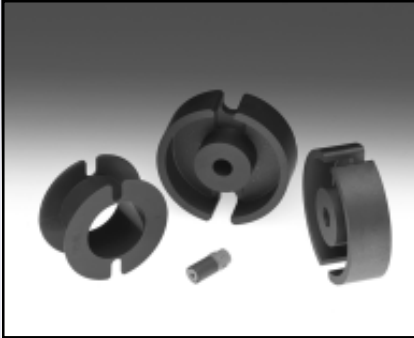
## 2 Slot Pot Core Components



### 2 Slot Pot Cores

As 2 slot pot cores are one of the oldest core designs, they are available in a wide range of worldwide standardised sizes - according to IEC 133. Originally produced for filter inductors, pot cores are becoming increasingly popular in power applications. With the introduction of new EMC legislation, electromagnetic screening has become a prime concern in core selection. The pot core's shape almost completely encloses the windings and whilst this can be a hinderance for access purposes, it provides excellent screening.

## 9 x 5mm 29-350-



### Core Dimensions (mm)

A	9.00 - 9.30	F	3.58 - 3.90
B	5.20 - 5.40	G	5.50 - 5.80
C	7.51 - 7.75	H	2.10 - 2.30
D	3.70 - 3.90		
E	1.80 - 2.20		

### Core Parameters

In accordance with IEC Document 60205.

Parameter	$\Sigma l/A$	Effective Length	Effective Area	Minimum Area	Effective Volume
Symbol	$C_1$	$l_e$	$A_e$	$A_{min}$	$V_e$
Value	$1.25\text{mm}^{-1}$	12.20mm	$9.80\text{mm}^2$	8.00	$120.00\text{mm}^3$

### Electrical Specification

Material	$A_L$ Value	Tolerance	Gap Length	Eff. Permeability	Part Number
F44	1160	+30/-20%	-	1450	29-350-44

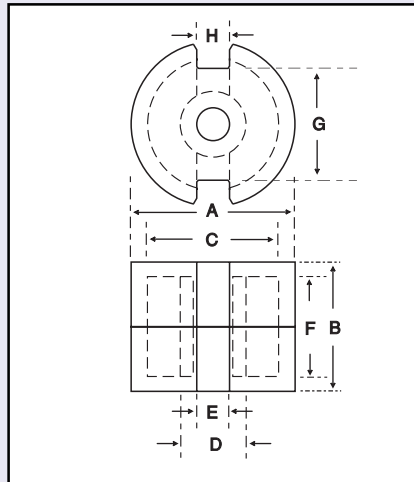
Part numbers refer to half cores.

### Bobbins/Coil Formers

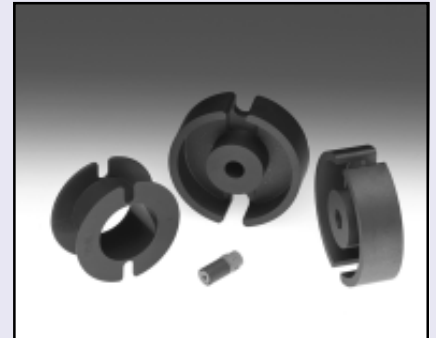
Mounting	No. of Sections	Pins	Part Number
Horizontal	1	-	60-351-76

### Core Dimensions (mm)

<b>A</b>	10.90 - 11.30	<b>F</b>	4.40 - 4.68
<b>B</b>	6.40 - 6.60	<b>G</b>	7.20 - 7.70
<b>C</b>	9.00 - 9.40	<b>H</b>	2.65 - 3.05
<b>D</b>	4.50 - 4.70		
<b>E</b>	2.00 - 2.10		



**11 x 7mm**  
**29-400-**



### Core Parameters

In accordance with IEC Document 60205.

Parameter	$\Sigma/A$	Effective Length	Effective Area	Minimum Area	Effective Volume
Symbol	$C_1$	$l_e$	$A_e$	$A_{min}$	$V_e$
Value	$1.00\text{mm}^{-1}$	15.90mm	$15.90\text{mm}^2$	13.30	$252.00\text{mm}^3$

### Electrical Specification

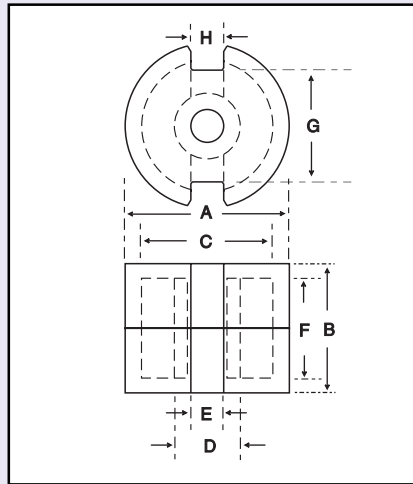
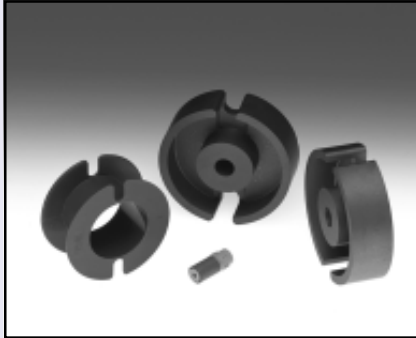
Material	$A_L$ Value	Tolerance	Gap Length	Eff. Permeability	Part Number
F47	1455	+30/-20%	-	1160	29-400-47
F44	1580	+30/-20%	-	1255	29-400-44
F5A	1880	+30/-20%	-	1495	29-400-49
P11	1600	+30/-20%	-	1275	29-400-41

Part numbers refer to half cores.

### Bobbins/Coil Formers

Mounting	No. of Sections	Pins	Part Number
Horizontal	1	-	60-400-76
Horizontal	2	-	60-401-76

# 14 x 8mm 29-450-



## Core Dimensions (mm)

<b>A</b>	13.80 - 14.20	<b>F</b>	5.60 - 6.00
<b>B</b>	8.20 - 8.50	<b>G</b>	8.70 - 10.20
<b>C</b>	11.60 - 12.00	<b>H</b>	2.50 - 3.50
<b>D</b>	5.80 - 6.00		
<b>E</b>	3.00 - 3.15		

## Core Parameters

In accordance with IEC Document 60205.

Parameter	$\Sigma/A$	Effective Length	Effective Area	Minimum Area	Effective Volume
Symbol	$C_1$	$l_e$	$A_e$	$A_{min}$	$V_e$
Value	0.79mm <sup>-1</sup>	20.00mm	25.00mm <sup>2</sup>	20.00	500.00mm <sup>3</sup>

## Electrical Specification

Material	$A_L$ Value	Tolerance	Gap Length	Eff. Permeability	Part Number
F47	1875	+30/-20%	-	1180	29-450-47
F44	2090	+30/-20%	-	1315	29-450-44
F9	4600	+30/-20%	-	2890	29-450-36
P11	2300	+30/-20%	-	1445	29-450-41
P11	100	+3/-3%	0.40	63	29-4504-41*
P11	250	+5/-5%	0.10	155	29-4506-41*

Part numbers refer to half cores unless otherwise indicated.

\* Part number refers to a pair of cores fitted with a threaded insert for adjustable inductance assemblies.

## Bobbins/Coil Formers

Mounting	No. of Sections	Pins	Part Number
Horizontal	1	0	60-451-72

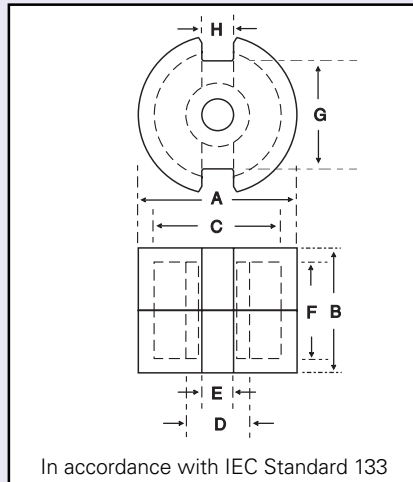
## Adjusters

$A_L$ Value	Part Number
100	64-4813-66
250	64-4814-66

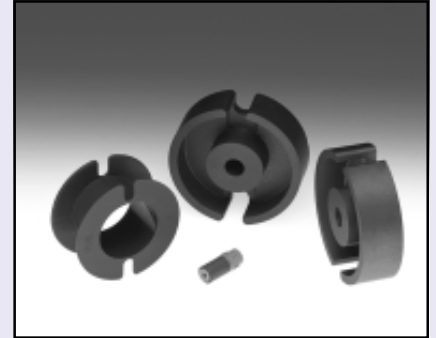


### Core Dimensions (mm)

<b>A</b>	17.60 - 18.20	<b>F</b>	7.20 - 7.60
<b>B</b>	10.40 - 10.70	<b>G</b>	12.20 - 14.00
<b>C</b>	14.90 - 15.40	<b>H</b>	2.80 - 4.00
<b>D</b>	7.30 - 7.60		
<b>E</b>	3.00 - 3.15		



**18 x 11mm**  
**29-500-**



### Core Parameters

In accordance with IEC Document 60205.

Parameter	$\Sigma/A$	Effective Length	Effective Area	Minimum Area	Effective Volume
Symbol	$C_1$	$l_e$	$A_e$	$A_{min}$	$V_e$
Value	0.60mm <sup>-1</sup>	26.00mm	43.00mm <sup>2</sup>	36.10	1120.00mm <sup>3</sup>

### Electrical Specification

Material	$A_L$ Value	Tolerance	Gap Length	Eff. Permeability	Part Number
F47	2500	+30/-20%	-	1195	29-500-47
F44	2600	+30/-20%	-	1240	29-500-44
F9	5600	+30/-20%	-	2675	29-500-36
F10	6450	+30/-20%	-	3080	29-500-37
F39	12600	+30/-20%	-	6015	29-500-39
P11	3100	+30/-20%	-	1480	29-500-41
P11	100	+3/-3%	0.68	48	29-5004-41*
P11	250	+3/-3%	0.25	119	29-5006-41*

Part numbers refer to half cores unless otherwise indicated.

\* Part number refers to a pair of cores fitted with a threaded insert for adjustable inductance assemblies.

### Bobbins/Coil Formers

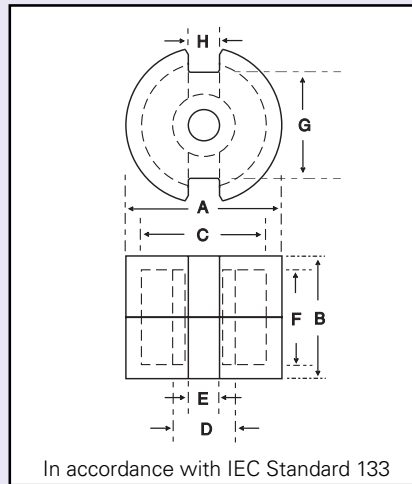
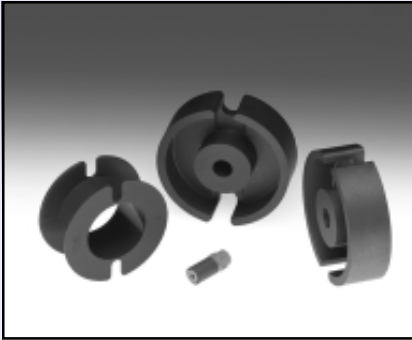
Mounting	No. of Sections	Pins	Part Number
Horizontal	1	0	60-501-72

### Adjusters

$A_L$ Value	Part Number
100	64-4824-66
250	64-4823-66



## 22 x 13mm 29-550-



### Core Dimensions (mm)

<b>A</b>	21.20 - 22.00	<b>F</b>	9.20 - 9.60
<b>B</b>	13.20 - 13.60	<b>G</b>	14.50 - 16.60
<b>C</b>	17.90 - 18.50	<b>H</b>	3.20 - 4.40
<b>D</b>	9.10 - 9.40		
<b>E</b>	4.40 - 4.55		

### Core Parameters

In accordance with IEC Document 60205.

Parameter	$\Sigma/A$	Effective Length	Effective Area	Minimum Area	Effective Volume
Symbol	$C_1$	$l_e$	$A_e$	$A_{min}$	$V_e$
Value	0.497mm <sup>-1</sup>	31.50mm	63.40mm <sup>2</sup>	51.3mm <sup>2</sup>	2000.00mm <sup>3</sup>

### Electrical Specification

Material	$A_L$ Value	Tolerance	Gap Length	Eff. Permeability	Part Number
F44	3500	+30/-20%	-	1500	29-550-44
F5A	4650	+30/-20%	-	1840	29-550-49
F5A	250	+30/-20%	0.25	99	29-556-49**
F9	6860	+30/-20%	-	2710	29-550-36
F10	8600	+30/-20%	-	3400	29-550-37
P11	4650	+30/-20%	-	1840	29-550-41
P11	100	±3%	1.10	40	29-5504-41*
P11	250	±3%	0.25	99	29-5506-41*

Part numbers refer to half cores unless otherwise indicated.

\* Part number refers to a pair of cores fitted with a threaded insert for adjustable inductance assemblies.

\*\* Part number refers to a pair of cores.

### Bobbins/Coil Formers

Mounting	No. of Sections	Pins	Part Number
Horizontal	1	0	60-551-72

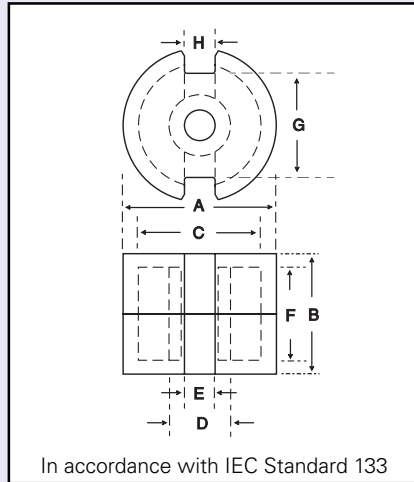
### Adjusters

$A_L$ Value	Part Number
100	64-4834-66
250	64-4833-66

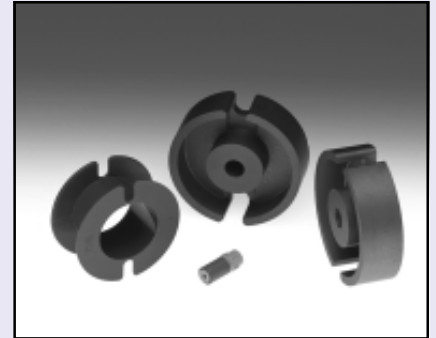


## Core Dimensions (mm)

<b>A</b>	25.00 - 26.00	<b>F</b>	11.00 - 11.40
<b>B</b>	15.90 - 16.30	<b>G</b>	17.50 - 20.00
<b>C</b>	21.20 - 22.00	<b>H</b>	3.20 - 4.40
<b>D</b>	11.10 - 11.40		
<b>E</b>	5.40 - 5.60		



**26 x 16mm**  
**29-600-**



## Core Parameters

In accordance with IEC Document 60205.

Parameter	$\Sigma/A$	Effective Length	Effective Area	Minimum Area	Effective Volume
Symbol	$C_1$	$l_e$	$A_e$	$A_{min}$	$V_e$
Value	0.40mm <sup>-1</sup>	37.50mm	94.00mm <sup>2</sup>	76.50	3525.00mm <sup>3</sup>
Solid**	0.35mm <sup>-1</sup>	39.50mm	112.00mm <sup>2</sup>	86.50	4410.00mm <sup>3</sup>

## Electrical Specification

Material	$A_L$ Value	Tolerance	Gap Length	Eff. Permeability	Part Number
F44	4650	+30/-20%	-	1480	29-600-44
F5A	6000	+30/-20%	-	1910	29-600-49
F9	9000	+30/-20%	-	2865	29-600-36
F10	12000	+30/-20%	-	3820	29-600-37
F9	10000	±3%	-	2810	29-610-36**
F39	25000	+40/-30%	-	7020	29-610-39**
P11	5200	+30/-20%	-	1655	29-600-41
P11	100	±3%	1.60	32	29-6004-41*
P11	250	±3%	0.48	80	29-6006-41*
P11	400	±3%	0.25	127	29-6008-41*

Part numbers refer to half cores unless otherwise indicated.

\* Part number refers to a pair of cores fitted with a nut for adjustable inductance assemblies.

\*\* Part number denotes solid core.

## Bobbins/Coil Formers

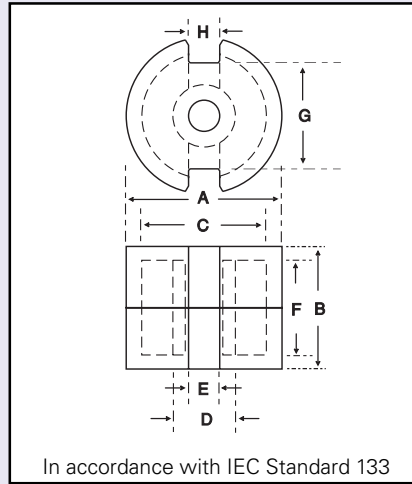
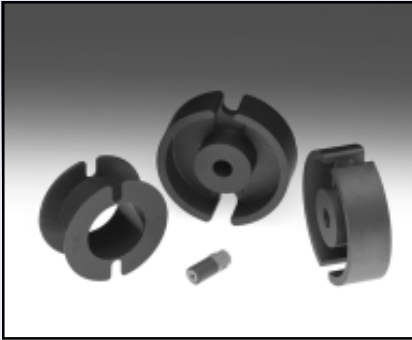
Mounting	No. of Sections	Pins	Part Number
Horizontal	1	0	60-601-72

## Adjusters

$A_L$ Value	Part Number
100/250	64-4844-66
400	64-4843-66



# 30 x 19mm 29-620-



## Core Dimensions (mm)

<b>A</b>	29.50 - 30.50	<b>F</b>	13.00 - 13.40
<b>B</b>	18.60 - 19.00	<b>G</b>	20.50 - 21.40
<b>C</b>	25.00 - 25.80	<b>H</b>	3.70 - 4.70
<b>D</b>	13.10 - 13.50		
<b>E</b>	5.40 - 5.60		

## Core Parameters

In accordance with IEC Document 60205.

Parameter	$\Sigma/A$	Effective Length	Effective Area	Minimum Area	Effective Volume
Symbol	$C_1$	$l_e$	$A_e$	$A_{min}$	$V_e$
Value	0.33mm <sup>-1</sup>	45.00mm	136.00mm <sup>2</sup>	115	6120.00mm <sup>3</sup>

## Electrical Specification

Material	$A_L$ Value	Tolerance	Gap Length	Eff. Permeability	Part Number
F44	6000	+30/-20%	-	1575	29-620-44
F5A	7500	+30/-20%	-	1970	29-620-49
F5A	250	+30/-20%	0.70	65	29-625-49**
F9	10500	+30/-20%	-	2760	29-620-36
F10	14500	+30/-20%	-	3810	29-620-37
P11	6300	+30/-20%	-	1654	29-620-41
P11	400	±3%	0.40	105	29-6208-41*
P11	1000	±3%	0.14	263	29-6210-41*
P11	1600	±5%	0.08	420	29-6211-41*

Part numbers refer to half cores.

\* Part number refers to a pair of cores fitted with a threaded insert for adjustable inductance assemblies.

\*\* Part number refers to a pair of cores.

## Bobbins/Coil Formers

Mounting	No. of Sections	Pins	Part Number
Horizontal	1	0	60-621-72

## Adjusters

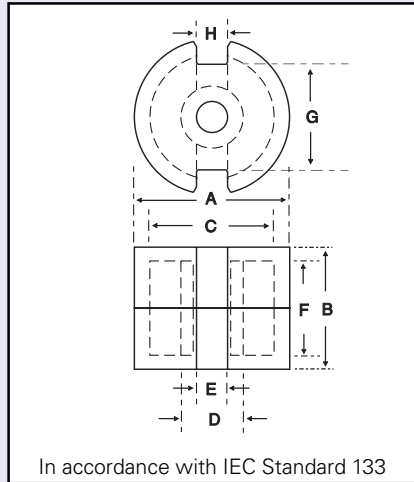
$A_L$ Value	Part Number
400	64-4843-66
1000/1600	64-4845-66



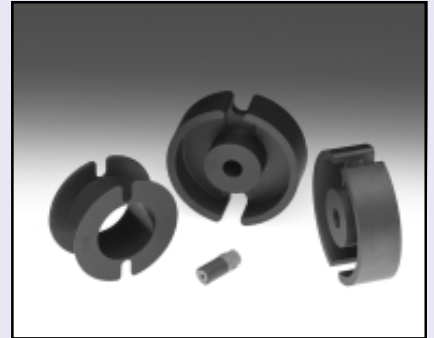


### Core Dimensions (mm)

<b>A</b>	35.00 - 36.20	<b>F</b>	14.60 - 15.00
<b>B</b>	21.40 - 22.00	<b>G</b>	24.25 max
<b>C</b>	29.90 - 30.90	<b>H</b>	4.50 - 5.00
<b>D</b>	15.60 - 16.20		
<b>E</b>	5.20 - 5.60		



**36 x 22mm**  
**29-6500-**



### Core Parameters

In accordance with IEC Document 60205.

Parameter	$\Sigma/A$	Effective Length	Effective Area	Minimum Area	Effective Volume
Symbol	$C_1$	$l_e$	$A_e$	$A_{min}$	$V_e$
Value	0.26mm <sup>-1</sup>	53.0mm	202mm <sup>2</sup>	172	10700mm <sup>3</sup>

### Electrical Specification

Material	$A_L$ Value	Tolerance	Gap Length	Eff. Permeability	Part Number
F44	7300	+30/-20%	-	1570	29-6500-44
F9	15200	+30/-20%	-	3145	29-6500-36
P11	8400	+30/-20%	-	1740	29-6500-41
P11	1000	±3%	0.20	206	29-6510-41*
P11	1600	±3%	0.10	331	29-6511-41*

Part numbers refer to half cores.

\* Part number refers to a pair of cores fitted with a nut for adjustable inductance assemblies.

### Bobbins/Coil Formers

Mounting	No. of Sections	Pins	Part Number
Horizontal	1	-	60-651-67

### Adjusters

$A_L$ Value	Part Number
1000/1600	64-4845-66

