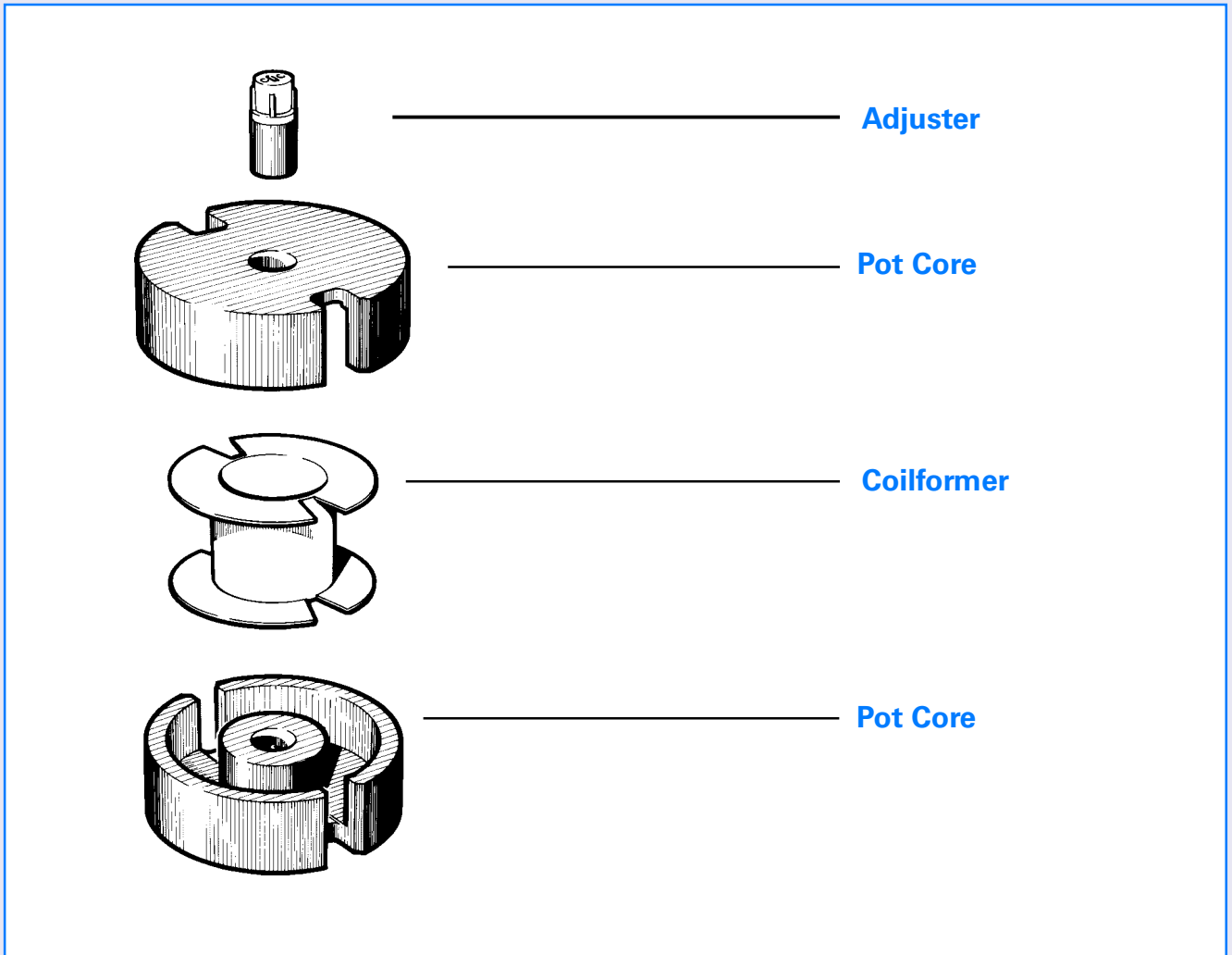


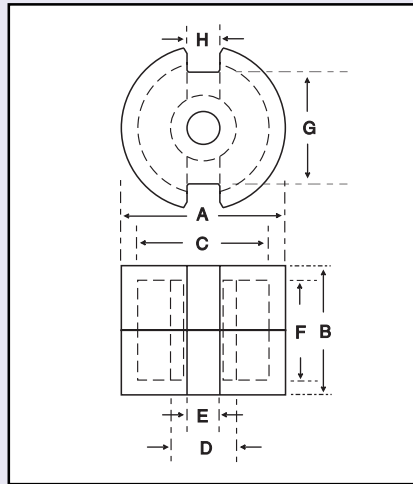
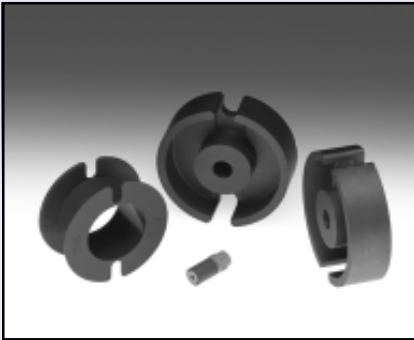
2 Slot Pot Core Components



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	1.25mm ⁻¹	12.20mm	9.80mm ²	8.00	120.00mm ³

Electrical Specification

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

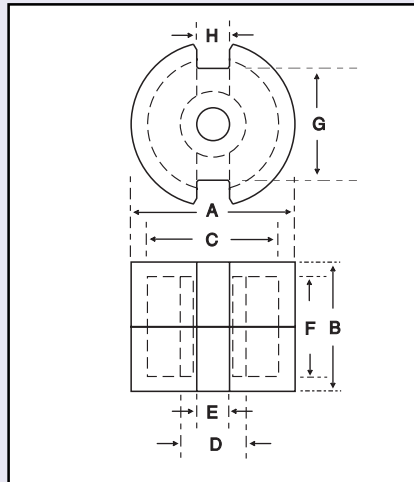
Part numbers refer to half cores.

Bobbins/Coil Formers

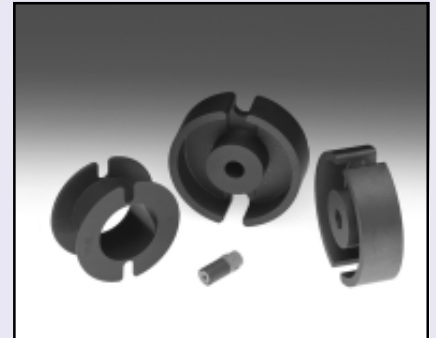
Mounting	No. of Sections	Pins	Part Number
Horizontal	1	-	60-351-76

Core Dimensions (mm)

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



11 x 7mm
29-400-



Core Parameters

In accordance with IEC Document 60205.

Parameter	Σ/A	Effective Length	Effective Area	Minimum Area	Effective Volume
Symbol	C_1	l_e	A_e	A_{min}	V_e
Value	1.00mm ⁻¹	15.90mm	15.90mm ²	13.30	252.00mm ³

Electrical Specification

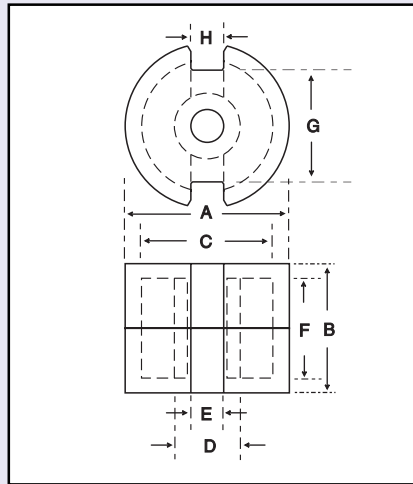
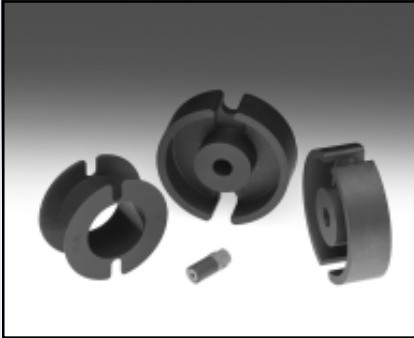
Material	A_L Value	Tolerance	Gap Length	Eff. Permeability	Part Number
F47	1455	+30/-20%	-	1160	29-400-47
F44	1580	+30/-20%	-	1255	29-400-44
F5A	1880	+30/-20%	-	1495	29-400-49
P11	1600	+30/-20%	-	1275	29-400-41

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)

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

Core Parameters

In accordance with IEC Document 60205.

Parameter	Σ/A	Effective Length	Effective Area	Minimum Area	Effective Volume
Symbol	C_1	l_e	A_e	A_{min}	V_e
Value	0.79mm ⁻¹	20.00mm	25.00mm ²	20.00	500.00mm ³

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

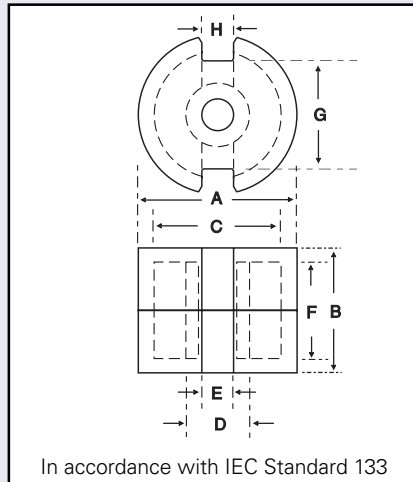
Adjusters

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

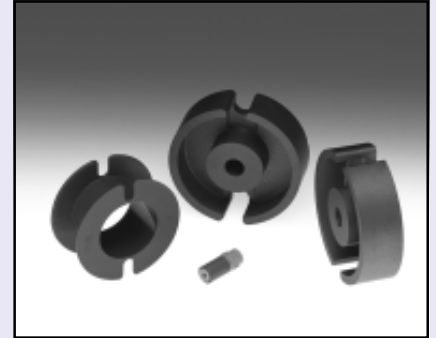


Core Dimensions (mm)

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



18 x 11mm
29-500-



Core Parameters

In accordance with IEC Document 60205.

Parameter	Σ/A	Effective Length	Effective Area	Minimum Area	Effective Volume
Symbol	C_1	l_e	A_e	A_{min}	V_e
Value	0.60mm ⁻¹	26.00mm	43.00mm ²	36.10	1120.00mm ³

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

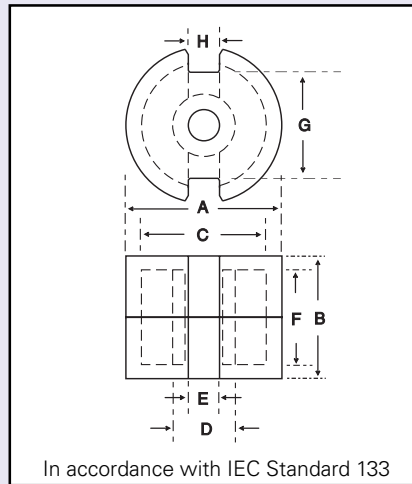
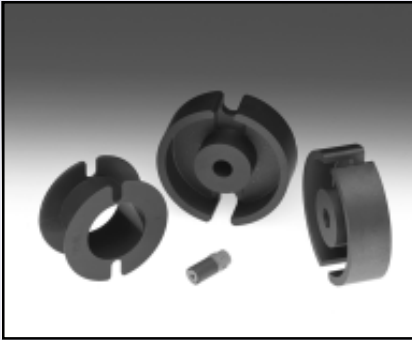
Mounting	No. of Sections	Pins	Part Number
Horizontal	1	0	60-501-72

Adjusters

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



22 x 13mm 29-550-



Core Dimensions (mm)

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

Core Parameters

In accordance with IEC Document 60205.

Parameter	Σ/A	Effective Length	Effective Area	Minimum Area	Effective Volume
Symbol	C_1	l_e	A_e	A_{min}	V_e
Value	0.497mm ⁻¹	31.50mm	63.40mm ²	51.3mm ²	2000.00mm ³

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

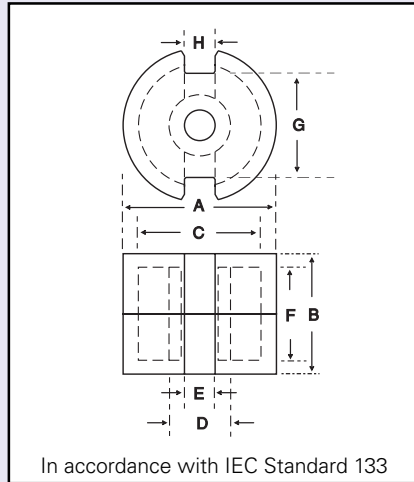
Mounting	No. of Sections	Pins	Part Number
Horizontal	1	0	60-551-72

Adjusters

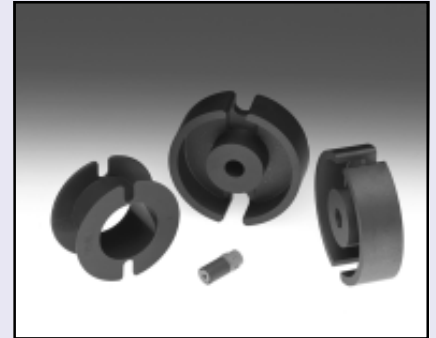
A_L Value	Part Number
100	64-4834-66
250	64-4833-66

Core Dimensions (mm)

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



26 x 16mm
29-600-



Core Parameters

In accordance with IEC Document 60205.

Parameter	Σ/A	Effective Length	Effective Area	Minimum Area	Effective Volume
Symbol	C_1	l_e	A_e	A_{min}	V_e
Value	0.40mm ⁻¹	37.50mm	94.00mm ²	76.50	3525.00mm ³
Solid**	0.35mm ⁻¹	39.50mm	112.00mm ²	86.50	4410.00mm ³

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

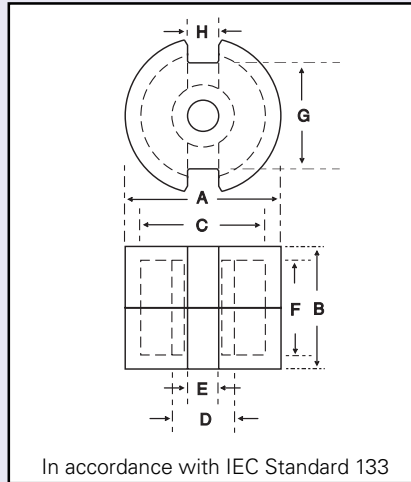
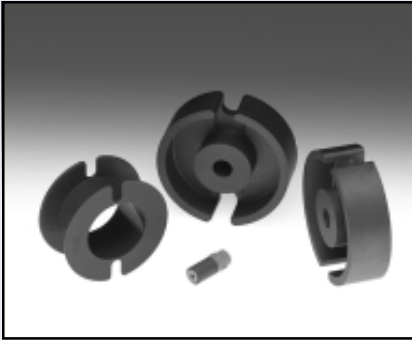
Mounting	No. of Sections	Pins	Part Number
Horizontal	1	0	60-601-72

Adjusters

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



30 x 19mm 29-620-



Core Dimensions (mm)

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

Core Parameters

In accordance with IEC Document 60205.

Parameter	Σ/A	Effective Length	Effective Area	Minimum Area	Effective Volume
Symbol	C_1	l_e	A_e	A_{min}	V_e
Value	0.33mm ⁻¹	45.00mm	136.00mm ²	115	6120.00mm ³

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

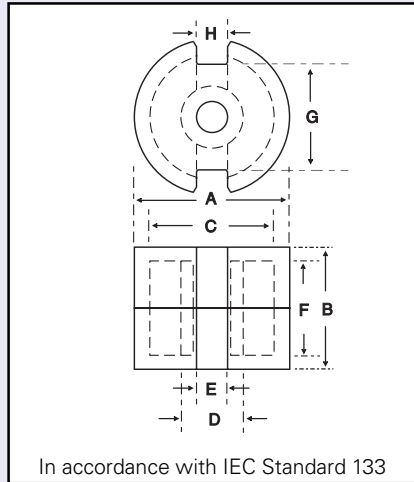
Mounting	No. of Sections	Pins	Part Number
Horizontal	1	0	60-621-72

Adjusters

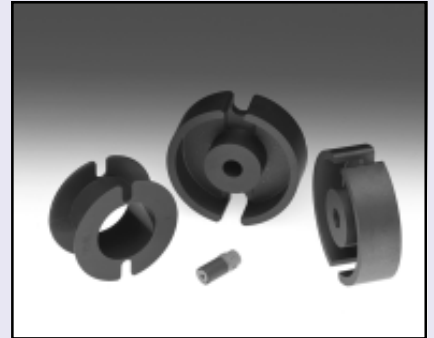
A_L Value	Part Number
400	64-4843-66
1000/1600	64-4845-66

Core Dimensions (mm)

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



36 x 22mm
29-6500-



Core Parameters

In accordance with IEC Document 60205.

Parameter	Σ/A	Effective Length	Effective Area	Minimum Area	Effective Volume
Symbol	C_1	l_e	A_e	A_{min}	V_e
Value	0.26mm ⁻¹	53.0mm	202mm ²	172	10700mm ³

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