

Soft Ferrites

ETD cores and accessories

PRODUCT OVERVIEW AND TYPE NUMBER STRUCTURE

Product overview ETD cores

CORE TYPE	V _e (mm ³)	A _e (mm ²)	MASS (g)
ETD29/16/10	5470	76.0	14
ETD34/17/11	7640	97.1	20
ETD39/20/13	11500	125	30
ETD44/22/15	17800	173	47
ETD49/25/16	24000	211	62
ETD54/28/19	35500	280	90
ETD59/31/22	51500	368	130

• In accordance with IEC 62317, part 6.

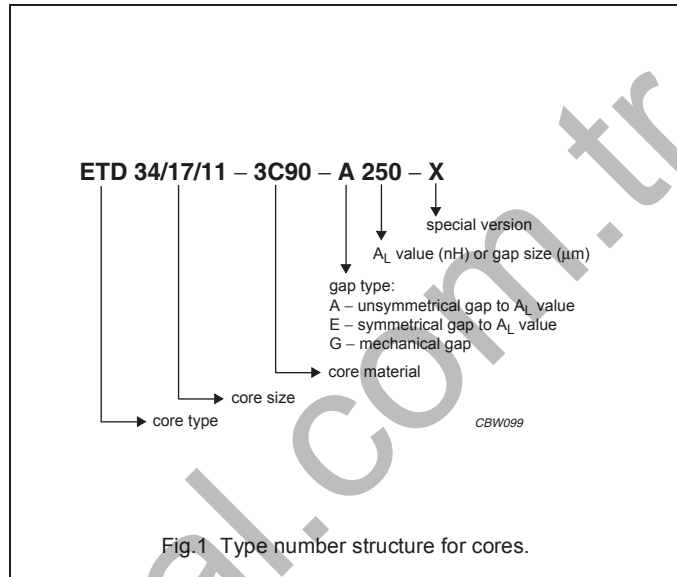


Fig.1 Type number structure for cores.

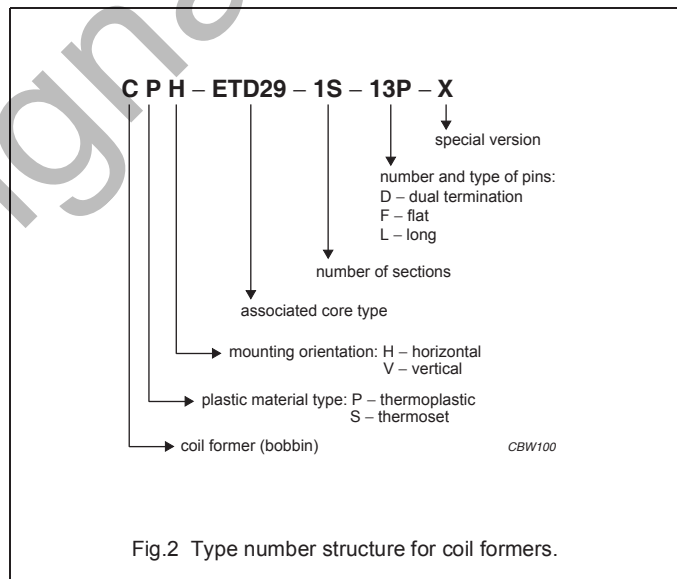
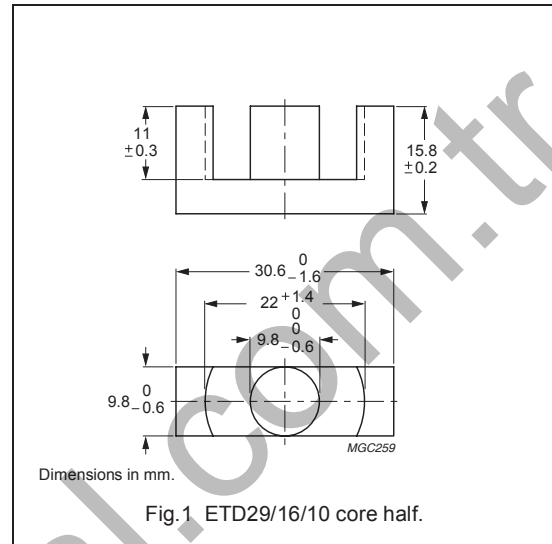


Fig.2 Type number structure for coil formers.

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma(l/A)$	core factor (C1)	0.947	mm ⁻¹
V_e	effective volume	5470	mm ³
l_e	effective length	72.0	mm
A_e	effective area	76.0	mm ²
A_{min}	minimum area	71.0	mm ²
m	mass of core half	≈ 14	g



Core halves

Clamping force for A_L measurements, 40 ±20 N. Gapped cores are available on request.

GRADE	A_L (nH)	μ_e	AIR GAP (μm)	TYPE NUMBER
3C90	2350 ±25%	≈ 1770	≈ 0	ETD29/16/10-3C90
3C94	2350 ±25%	≈ 1770	≈ 0	ETD29/16/10-3C94
3C95 des	2860 ±25%	≈ 2160	≈ 0	ETD29/16/10-3C95
3C96 des	2200 ±25%	≈ 1660	≈ 0	ETD29/16/10-3C96
3F3	2200 ±25%	≈ 1660	≈ 0	ETD29/16/10-3F3
3F35 des	1600 ±25%	≈ 1210	≈ 0	ETD29/16/10-3F35

Properties of core sets under power conditions

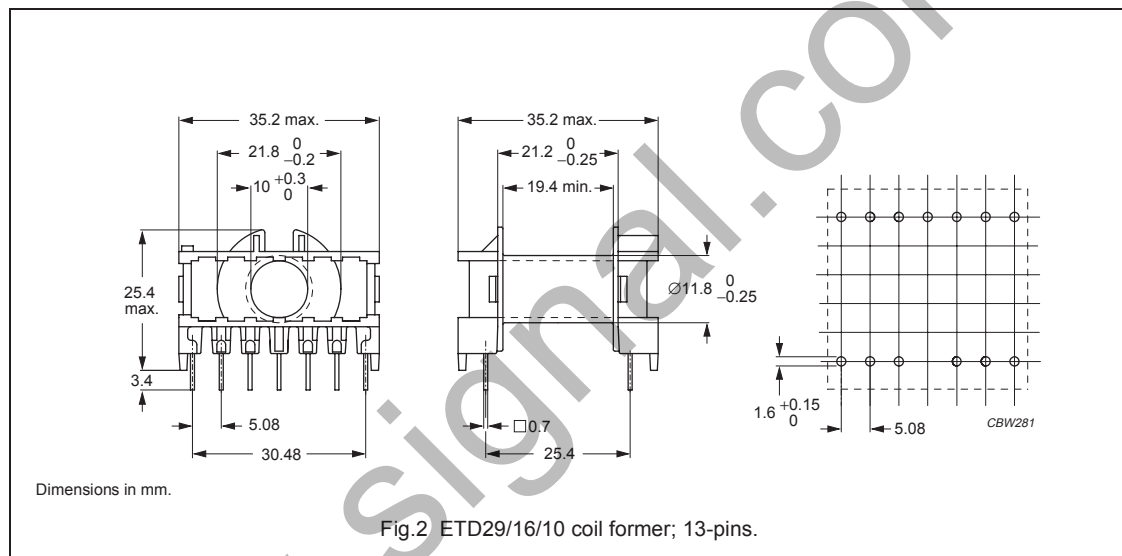
GRADE	B (mT) at	CORE LOSS (W) at				
	H = 250 A/m; f = 25 kHz; T = 100 °C	f = 25 kHz; \hat{B} = 200 mT; T = 100 °C	f = 100 kHz; \hat{B} = 100 mT; T = 100 °C	f = 100 kHz; \hat{B} = 200 mT; T = 25 °C	f = 100 kHz; \hat{B} = 200 mT; T = 100 °C	f = 400 kHz; \hat{B} = 50 mT; T = 100 °C
3C90	≥330	≤ 0.66	≤ 0.69	–	–	–
3C94	≥330	–	≤ 0.5	–	≤ 3.0	–
3C95	≥330	–	–	≤ 3.23	≤ 3.06	–
3C96	≥340	–	≤ 0.37	–	≤ 2.4	–
3F3	≥320	–	≤ 0.65	–	–	≤ 1.1
3F35	≥300	–	–	–	–	–

Properties of core sets under power conditions (continued)

GRADE	B (mT) at	CORE LOSS (W) at			
	H = 250 A/m; f = 25 kHz; T = 100 °C	f = 500 kHz; \hat{B} = 50 mT; T = 100 °C	f = 500 kHz; \hat{B} = 100 mT; T = 100 °C	f = 1 MHz; \hat{B} = 30 mT; T = 100 °C	f = 3 MHz; \hat{B} = 10 mT; T = 100 °C
3C90	≥330	–	–	–	–
3C94	≥330	–	–	–	–
3C95	≥330	–	–	–	–
3C96	≥340	≤ 2.0	–	–	–
3F3	≥320	–	–	–	–
3F35	≥300	≤ 0.74	≤ 5.7	–	–

COIL FORMER**General data 13-pins ETD29/16/10 coil former**

PARAMETER	SPECIFICATION
Coil former material	polybutyleneterephthalate (PBT), glass-reinforced, flame retardant in accordance with "UL 94V-0"; UL file number E45329(R)
Pin material	copper-tin alloy (CuSn), tin (Sn) plated
Maximum operating temperature	155 °C, "IEC 60085", class F
Resistance to soldering heat	"IEC 60068-2-20", Part 2, Test Tb, method 1B, 350 °C, 3.5 s
Solderability	"IEC 60068-2-20", Part 2, Test Ta, method 1

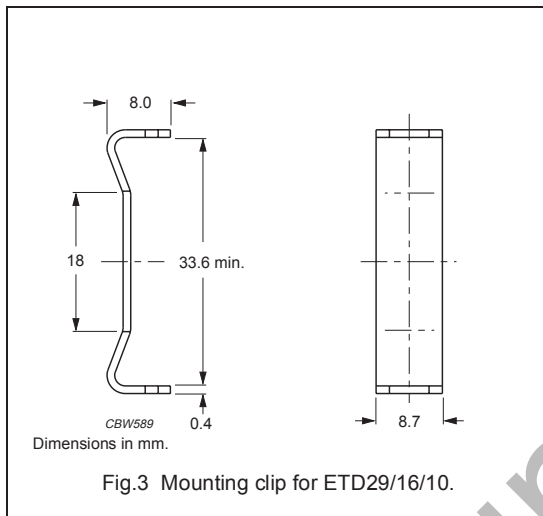
**Winding data and area product for 13-pins ETD29/16/10 coil former**

NUMBER OF SECTIONS	WINDING AREA (mm ²)	MINIMUM WINDING WIDTH (mm)	AVERAGE LENGTH OF TURN (mm)	AREA PRODUCT Ae x Aw (mm ⁴)	TYPE NUMBER
1	95	19.4	53	7220	CPH-ETD29-1S-13P

MOUNTING PARTS

General data

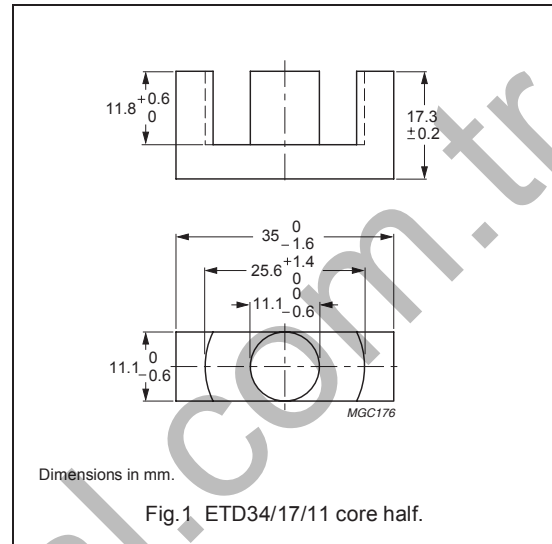
ITEM	REMARKS	FIGURE	TYPE NUMBER
Mounting clip	material: stainless steel	3	CLI-ETD29



CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma(l/A)$	core factor (C1)	0.810	mm ⁻¹
V_e	effective volume	7640	mm ³
l_e	effective length	78.6	mm
A_e	effective area	97.1	mm ²
A_{min}	minimum area	91.6	mm ²
m	mass of core half	≈ 20	g



Core halves

Clamping force for A_L measurements, 40 ±20 N. Gapped cores are available on request.

GRADE	A_L (nH)	μ_e	AIR GAP (μ m)	TYPE NUMBER
3C90	2700 ±25%	≈ 1740	≈ 0	ETD34/17/11-3C90
3C94	2700 ±25%	≈ 1740	≈ 0	ETD34/17/11-3C94
3C95 <small>des</small>	3270 ±25%	≈ 2110	≈ 0	ETD34/17/11-3C95
3C96 <small>des</small>	2500 ±25%	≈ 1610	≈ 0	ETD34/17/11-3C96
3F3	2500 ±25%	≈ 1610	≈ 0	ETD34/17/11-3F3
3F35 <small>des</small>	1850 ±25%	≈ 1190	≈ 0	ETD34/17/11-3F35

Properties of core sets under power conditions

GRADE	B (mT) at	CORE LOSS (W) at				
	H = 250 A/m; f = 25 kHz; T = 100 °C	f = 25 kHz; \hat{B} = 200 mT; T = 100 °C	f = 100 kHz; \hat{B} = 100 mT; T = 100 °C	f = 100 kHz; \hat{B} = 200 mT; T = 25 °C	f = 100 kHz; \hat{B} = 200 mT; T = 100 °C	f = 400 kHz; \hat{B} = 50 mT; T = 100 °C
3C90	≥330	≤ 0.92	≤ 0.97	–	–	–
3C94	≥330	–	≤ 0.73	–	≤ 4.2	–
3C95	≥330	–	–	≤ 4.51	≤ 4.28	–
3C96	≥340	–	≤ 0.55	–	≤ 3.4	–
3F3	≥320	–	≤ 0.9	–	–	≤ 1.6
3F35	≥300	–	–	–	–	–

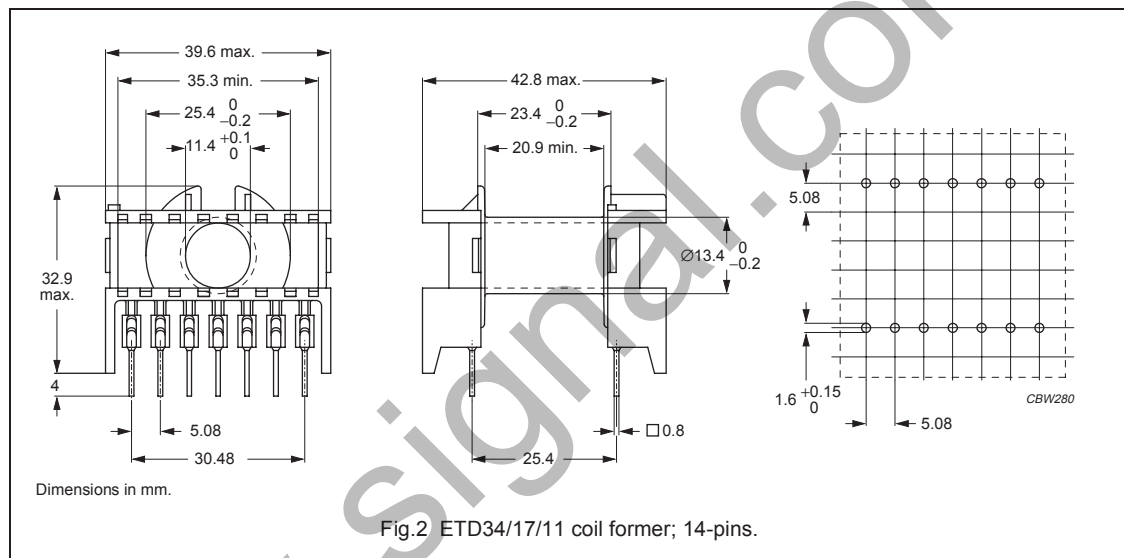
Properties of core sets under power conditions (continued)

GRADE	B (mT) at	CORE LOSS (W) at			
	H = 250 A/m; f = 25 kHz; T = 100 °C	f = 500 kHz; \hat{B} = 50 mT; T = 100 °C	f = 500 kHz; \hat{B} = 100 mT; T = 100 °C	f = 1 MHz; \hat{B} = 30 mT; T = 100 °C	f = 3 MHz; \hat{B} = 10 mT; T = 100 °C
3C90	≥330	–	–	–	–
3C94	≥330	–	–	–	–
3C95	≥330	–	–	–	–
3C96	≥340	≤ 2.8	–	–	–
3F3	≥320	–	–	–	–
3F35	≥300	≤ 1.0	≤ 8.0	–	–

COIL FORMERS

General data 14-pins ETD34/17/11 coil former

PARAMETER	SPECIFICATION
Coil former material	polybutyleneterephthalate (PBT), glass-reinforced, flame retardant in accordance with "UL 94V-0"; UL file number E45329(R)
Pin material	copper-tin alloy (CuSn), tin (Sn) plated
Maximum operating temperature	155 °C, "IEC 60085", class F
Resistance to soldering heat	"IEC 60068-2-20", Part 2, Test Tb, method 1B, 350 °C, 3.5 s
Solderability	"IEC 60068-2-20", Part 2, Test Ta, method 1



Winding data and area product for 14-pins ETD34/17/11 coil former

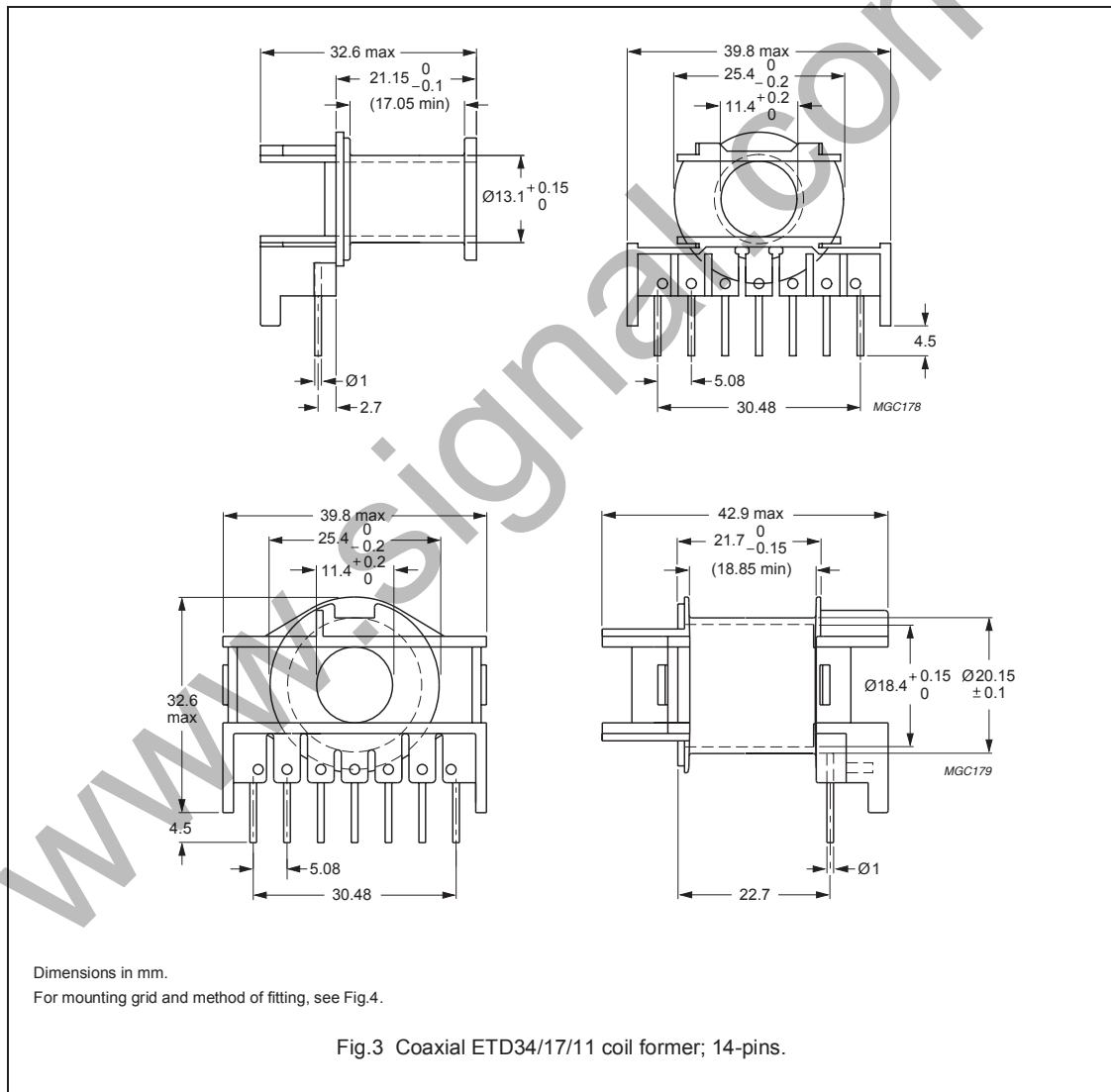
NUMBER OF SECTIONS	WINDING AREA (mm ²)	MINIMUM WINDING WIDTH (mm)	AVERAGE LENGTH OF TURN (mm)	AREA PRODUCT Ae x Aw (mm ⁴)	TYPE NUMBER
1	123	20.9	60	11900	CPH-ETD34-1S-14P ⁽¹⁾

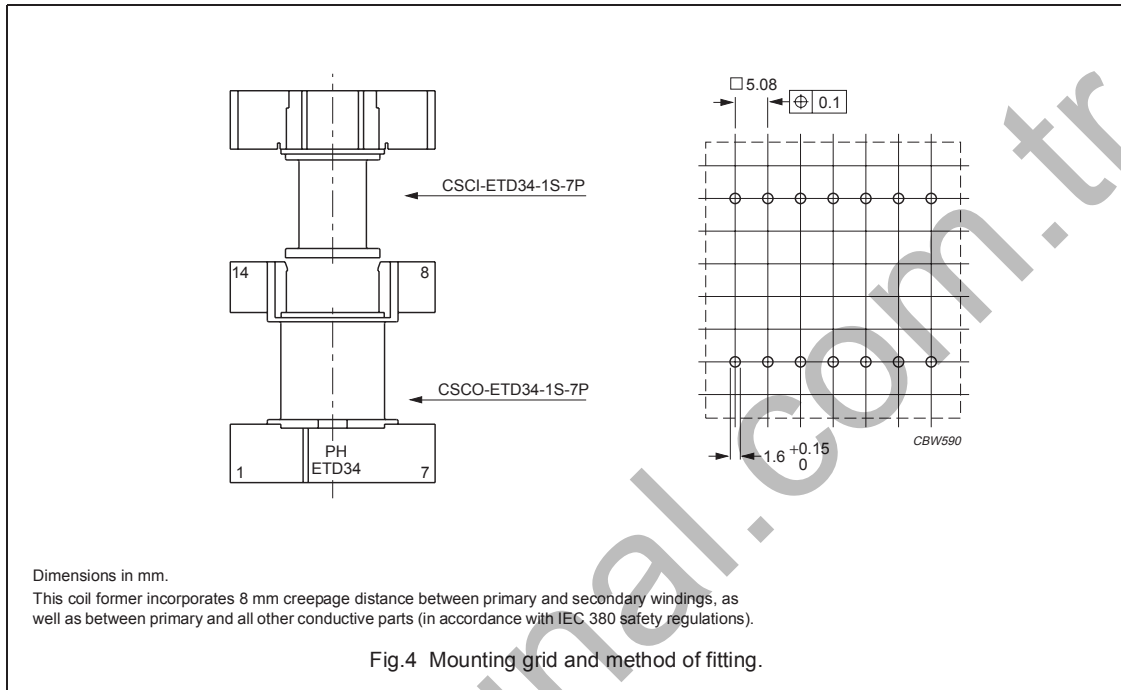
Note

- 1. Also available with Ø1.0 mm pins.

General data 14-pins coaxial ETD34/17/11 coil former

PARAMETER	SPECIFICATION
Coil former material	phenolformaldehyde (PF), glass-reinforced, flame retardant in accordance with "UL 94V-0"; UL file number E167521(M)
Pin material	copper-tin alloy (CuSn), tin (Sn) plated
Maximum operating temperature	180 °C, "IEC 60085", class H
Resistance to soldering heat	"IEC 60068-2-20", Part 2, Test Tb, method 1B, 350 °C, 3.5 s
Solderability	"IEC 60068-2-20", Part 2, Test Ta, method 1





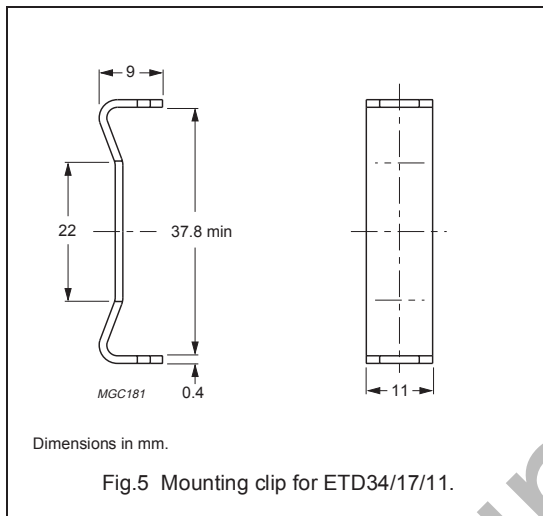
Winding data and area product for coaxial ETD34/17/11 coil former

NUMBER OF SECTIONS	WINDING AREA (mm ²)	MINIMUM WINDING WIDTH (mm)	AVERAGE LENGTH OF TURN (mm)	AREA PRODUCT Ae x Aw (mm ⁴)	TYPE NUMBER
1	42.6	17.05	49.4	4140	CSCI-ETD34-1S-7P
1	46.6	18.85	71.4	4520	CSCO-ETD34-1S-7P

MOUNTING PARTS

General data

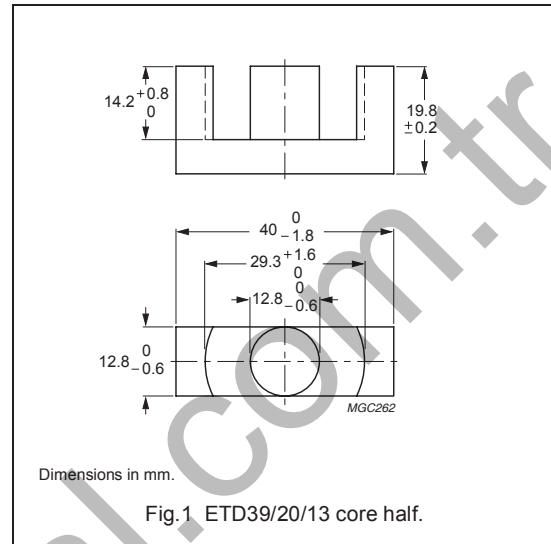
ITEM	REMARKS	FIGURE	TYPE NUMBER
Mounting clip	material: stainless steel	5	CLI-ETD34



CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma(l/A)$	core factor (C1)	0.737	mm ⁻¹
V_e	effective volume	11500	mm ³
l_e	effective length	92.2	mm
A_e	effective area	125	mm ²
A_{min}	minimum area	123	mm ²
m	mass of core half	≈ 30	g



Core halves

Clamping force for A_L measurements, 40 ± 20 N. Gapped cores are available on request.

GRADE	A_L (nH)	μ_e	AIR GAP (μm)	TYPE NUMBER
3C90	3000 ± 25%	≈ 1760	≈ 0	ETD39/20/13-3C90
3C94	3000 ± 25%	≈ 1760	≈ 0	ETD39/20/13-3C94
3C95 <small>des</small>	3650 ± 25%	≈ 2145	≈ 0	ETD39/20/13-3C95
3F3	2800 ± 25%	≈ 1640	≈ 0	ETD39/20/13-3F3

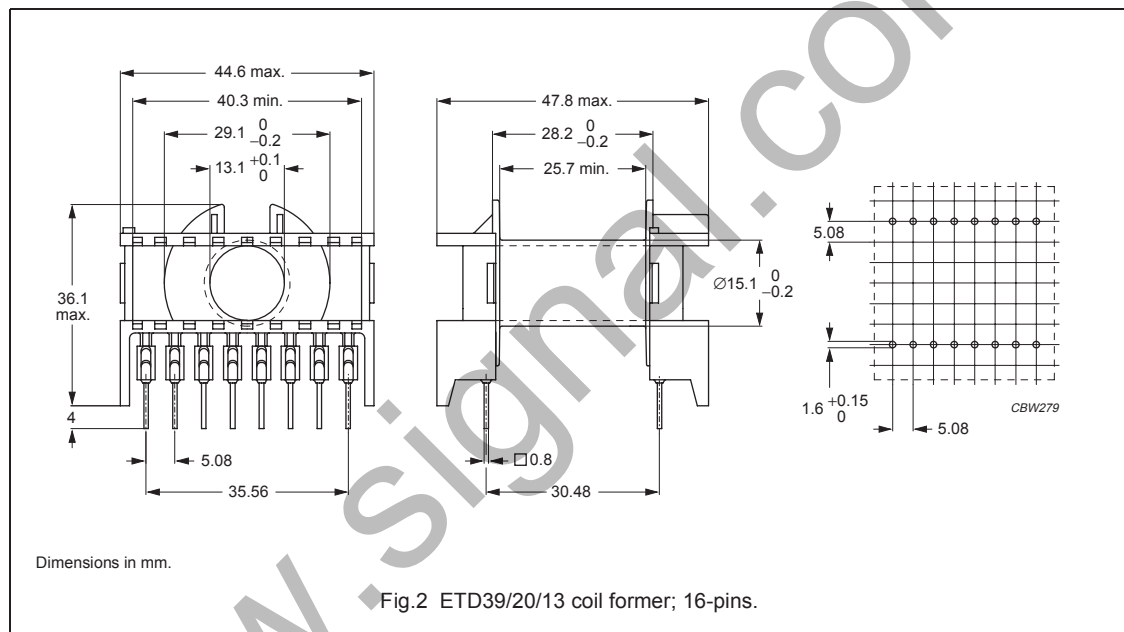
Properties of core sets under power conditions

GRADE	B (mT) at	CORE LOSS (W) at				
	H = 250 A/m; f = 25 kHz; T = 100 °C	f = 25 kHz; B̂ = 200 mT; T = 100 °C	f = 100 kHz; B̂ = 100 mT; T = 100 °C	f = 100 kHz; B̂ = 200 mT; T = 25 °C	f = 100 kHz; B̂ = 200 mT; T = 100 °C	f = 400 kHz; B̂ = 50 mT; T = 100 °C
3C90	≥ 330	≤ 1.4	≤ 1.5	–	–	–
3C94	≥ 330	–	≤ 1.2	–	≤ 6.0	–
3C95	≥ 330	–	–	≤ 7.25	≤ 6.9	–
3F3	≥ 320	–	≤ 1.4	–	–	≤ 2.5

COIL FORMER

General data 16-pins ETD39/20/13 coil former

PARAMETER	SPECIFICATION
Coil former material	polybutyleneterephthalate (PBT), glass-reinforced, flame retardant in accordance with "UL 94V-0"; UL file number E45329(R)
Pin material	copper-tin alloy (CuSn), tin (Sn) plated
Maximum operating temperature	155 °C, "IEC 60085", class F
Resistance to soldering heat	"IEC 60068-2-20", Part 2, Test Tb, method 1B, 350 °C, 3.5 s
Solderability	"IEC 60068-2-20", Part 2, Test Ta, method 1



Winding data and area product for 16-pins ETD39/20/13 coil former

NUMBER OF SECTIONS	WINDING AREA (mm ²)	MINIMUM WINDING WIDTH (mm)	AVERAGE LENGTH OF TURN (mm)	AREA PRODUCT Ae x Aw (mm ⁴)	TYPE NUMBER
1	177	25.7	69	22100	CPH-ETD39-1S-16P ⁽¹⁾

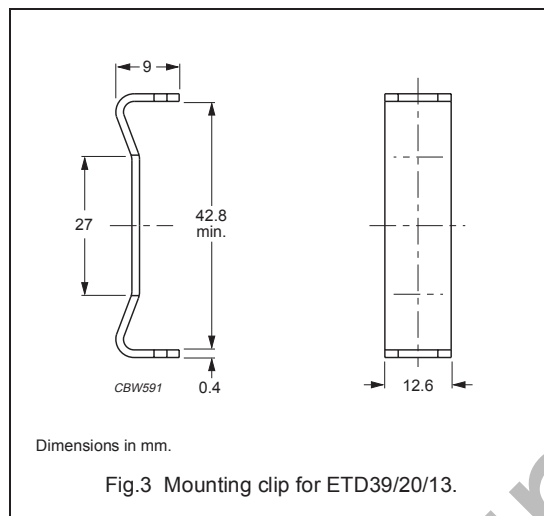
Note

- Also available with Ø1.0 mm pins.

MOUNTING PARTS

General data

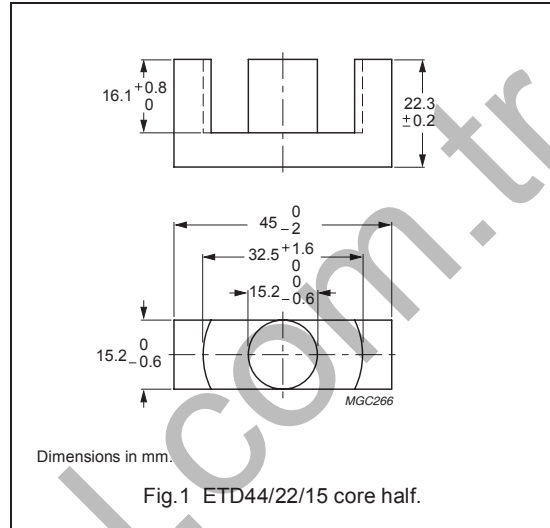
ITEM	REMARKS	FIGURE	TYPE NUMBER
Mounting clip	material: stainless steel	3	CLI-ETD39



CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma(l/A)$	core factor (C1)	0.589	mm ⁻¹
V_e	effective volume	17800	mm ³
l_e	effective length	103	mm
A_e	effective area	173	mm ²
A_{min}	minimum area	172	mm ²
m	mass of core half	≈ 47	g



Core halves

Clamping force for A_L measurements, 40 ± 20 N. Gapped cores are available on request.

GRADE	A_L (nH)	μ_e	AIR GAP (μm)	TYPE NUMBER
3C90	3800 ± 25%	≈ 1800	≈ 0	ETD44/22/15-3C90
3C94	3800 ± 25%	≈ 1800	≈ 0	ETD44/22/15-3C94
3C95 <small>des</small>	4640 ± 25%	≈ 2200	≈ 0	ETD44/22/15-3C95
3F3	3500 ± 25%	≈ 1660	≈ 0	ETD44/22/15-3F3

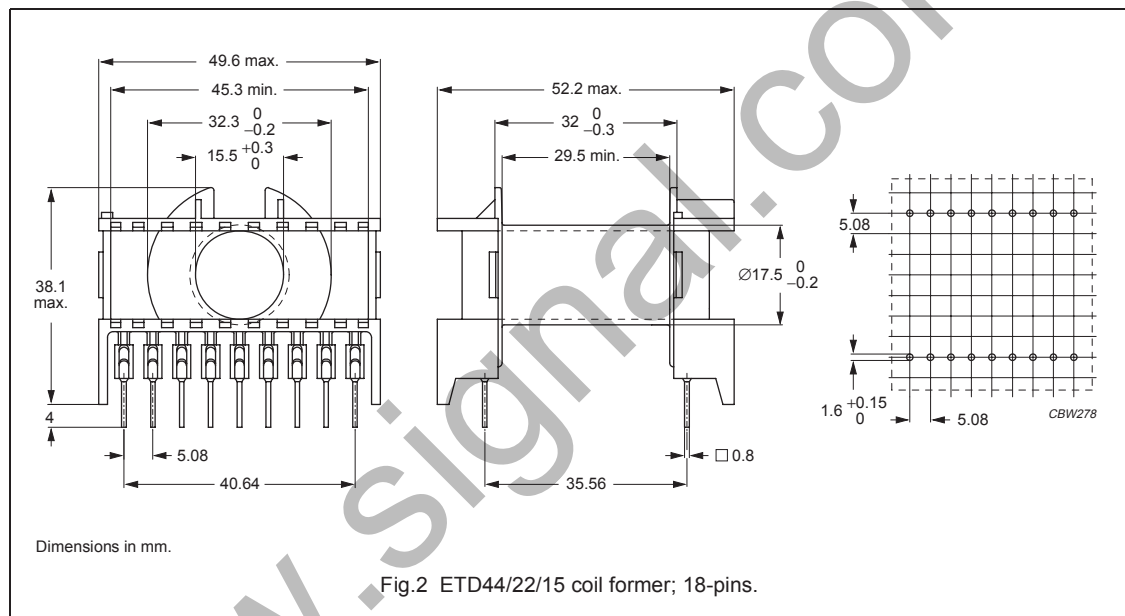
Properties of core sets under power conditions

GRADE	B (mT) at	CORE LOSS (W) at				
	H = 250 A/m; f = 25 kHz; T = 100 °C	f = 25 kHz; B̂ = 200 mT; T = 100 °C	f = 100 kHz; B̂ = 100 mT; T = 100 °C	f = 100 kHz; B̂ = 200 mT; T = 25 °C	f = 100 kHz; B̂ = 200 mT; T = 100 °C	f = 400 kHz; B̂ = 50 mT; T = 100 °C
3C90	≥ 330	≤ 2.2	≤ 2.3	–	–	–
3C94	≥ 330	–	≤ 1.7	–	≤ 9.4	–
3C95	≥ 330	–	–	≤ 11.2	≤ 10.7	–
3F3	≥ 320	–	≤ 2.2	–	–	≤ 3.9

COIL FORMERS

General data 18-pins ETD44/22/15 coil former

PARAMETER	SPECIFICATION
Coil former material	polybutyleneterephthalate (PBT), glass-reinforced, flame retardant in accordance with "UL 94V-0"; UL file number E45329(R)
Pin material	copper-tin alloy (CuSn), tin (Sn) plated
Maximum operating temperature	155 °C, "IEC 60085", class F
Resistance to soldering heat	"IEC 60068-2-20", Part 2, Test Tb, method 1B, 350 °C, 3.5 s
Solderability	"IEC 60068-2-20", Part 2, Test Ta, method 1



Winding data and area product for 18-pins ETD44/22/15 coil former

NUMBER OF SECTIONS	WINDING AREA (mm ²)	MINIMUM WINDING WIDTH (mm)	AVERAGE LENGTH OF TURN (mm)	AREA PRODUCT Ae x Aw (mm ⁴)	TYPE NUMBER
1	214	29.5	77	37000	CPH-ETD44-1S-18P ⁽¹⁾

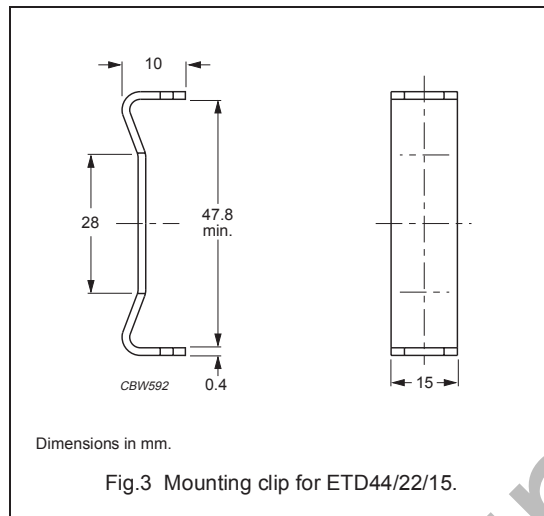
Note

1. Also available with Ø1.0 mm pins.

MOUNTING PARTS

General data

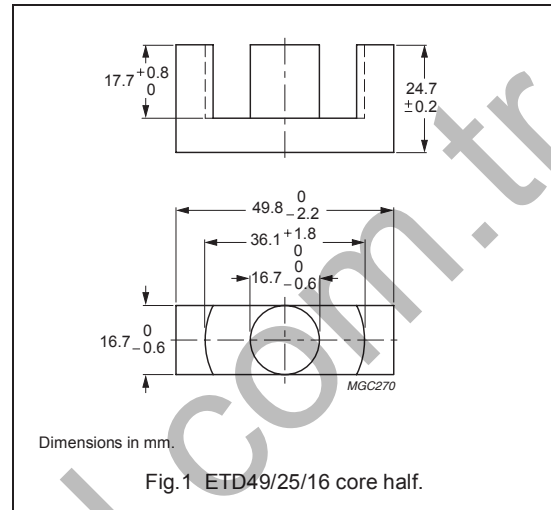
ITEM	REMARKS	FIGURE	TYPE NUMBER
Mounting clip	material: stainless steel	3	CLI-ETD44



CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma(l/A)$	core factor (C1)	0.534	mm ⁻¹
V_e	effective volume	24000	mm ³
l_e	effective length	114	mm
A_e	effective area	211	mm ²
A_{min}	minimum area	209	mm ²
m	mass of core half	≈ 62	g



Core halves

Clamping force for A_L measurements, 50 ±20 N. Gapped cores are available on request.

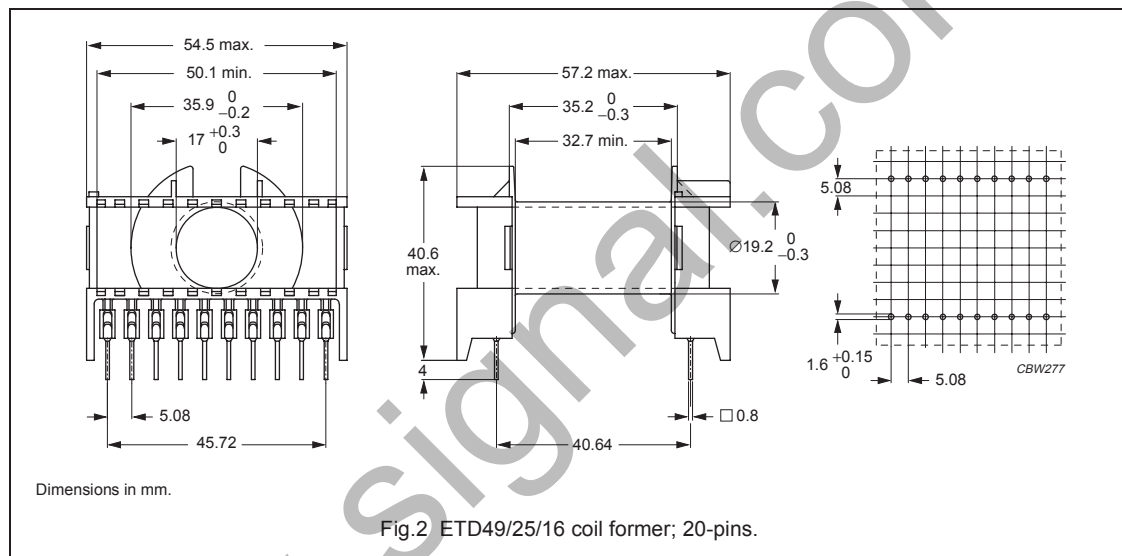
GRADE	A_L (nH)	μ_e	AIR GAP (μm)	TYPE NUMBER
3C90	4200 ±25%	≈ 1810	≈ 0	ETD49/25/16-3C90
3C94	4200 ±25%	≈ 1810	≈ 0	ETD49/25/16-3C94
3C95 <small>des</small>	5140 ±25%	≈ 2210	≈ 0	ETD49/25/16-3C95
3F3	3900 ±25%	≈ 1680	≈ 0	ETD49/25/16-3F3

Properties of core sets under power conditions

GRADE	B (mT) at	CORE LOSS (W) at				
	H = 250 A/m; f = 25 kHz; T = 100 °C	f = 25 kHz; B̂ = 200 mT; T = 100 °C	f = 100 kHz; B̂ = 100 mT; T = 100 °C	f = 100 kHz; B̂ = 200 mT; T = 25 °C	f = 100 kHz; B̂ = 200 mT; T = 100 °C	f = 400 kHz; B̂ = 50 mT; T = 100 °C
3C90	≥330	≤ 2.9	≤ 3.1	–	–	–
3C94	≥330	–	≤ 2.3	–	≤ 12.4	–
3C95	≥330	–	–	≤ 15.1	≤ 14.4	–
3F3	≥320	–	≤ 3.0	–	–	≤ 5.4

COIL FORMERS**General data 20-pins ETD49/25/16 coil former**

PARAMETER	SPECIFICATION
Coil former material	polybutyleneterephthalate (PBT), glass-reinforced, flame retardant in accordance with "UL 94V-0"; UL file number E45329(R)
Pin material	copper-tin alloy (CuSn), tin (Sn) plated
Maximum operating temperature	155 °C, "IEC 60085", class F
Resistance to soldering heat	"IEC 60068-2-20", Part 2, Test Tb, method 1B, 350 °C, 3.5 s
Solderability	"IEC 60068-2-20", Part 2, Test Ta, method 1

**Winding data and area product for 20-pins ETD49/25/16 coil former**

NUMBER OF SECTIONS	WINDING AREA (mm ²)	MINIMUM WINDING WIDTH (mm)	AVERAGE LENGTH OF TURN (mm)	AREA PRODUCT Ae x Aw (mm ⁴)	TYPE NUMBER
1	273	32.7	85	57600	CPH-ETD49-1S-20P ⁽¹⁾

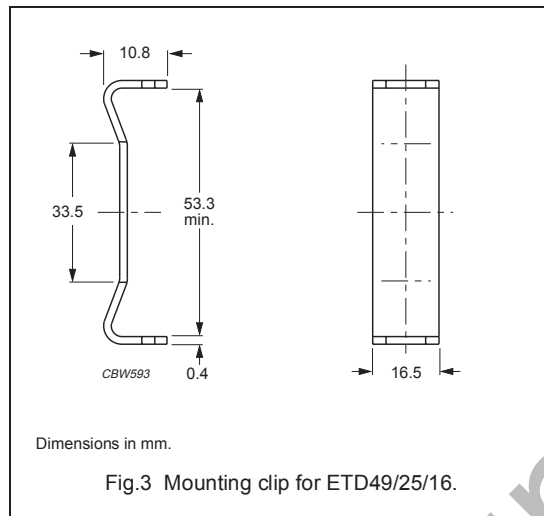
Note

- Also available with $\varnothing 1.0$ mm pins.

MOUNTING PARTS

General data

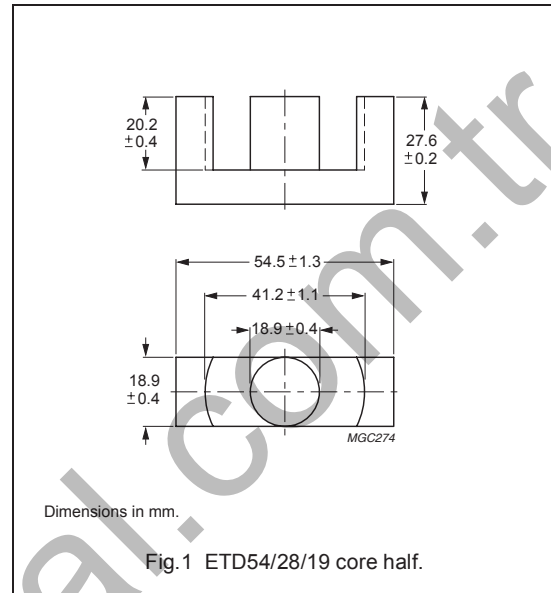
ITEM	REMARKS	FIGURE	TYPE NUMBER
Mounting clip	material: stainless steel	3	CLI-ETD49



CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma(l/A)$	core factor (C1)	0.454	mm ⁻¹
V_e	effective volume	35500	mm ³
l_e	effective length	127	mm
A_e	effective area	280	mm ²
A_{min}	minimum area	270	mm ²
m	mass of core half	≈ 90	g



Core halves

Clamping force for A_L measurements, 50 ± 20 N. Gapped cores are available on request.

GRADE	A_L (nH)	μ_e	AIR GAP (μm)	TYPE NUMBER
3C90	5000 ± 25%	≈ 1810	≈ 0	ETD54/28/19-3C90
3C94	5000 ± 25%	≈ 1810	≈ 0	ETD54/28/19-3C94
3C95 <small>des</small>	6120 ± 25%	≈ 2210	≈ 0	ETD54/28/19-3C95
3F3	4600 ± 25%	≈ 1660	≈ 0	ETD54/28/19-3F3

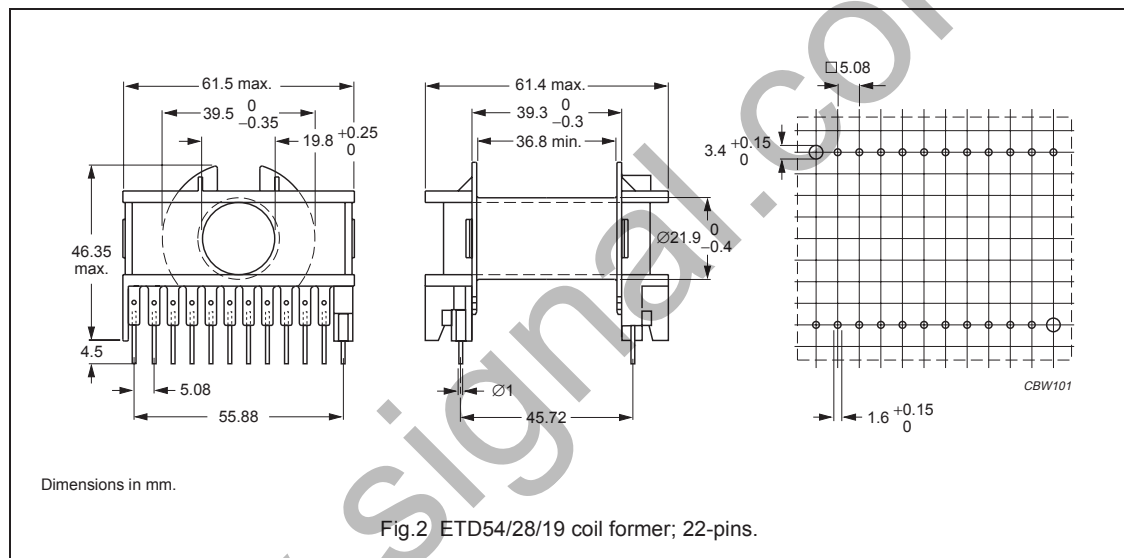
Properties of core sets under power conditions

GRADE	B (mT) at	CORE LOSS (W) at				
	H = 250 A/m; f = 25 kHz; T = 100 °C	f = 25 kHz; B̂ = 200 mT; T = 100 °C	f = 100 kHz; B̂ = 100 mT; T = 100 °C	f = 100 kHz; B̂ = 200 mT; T = 25 °C	f = 100 kHz; B̂ = 200 mT; T = 100 °C	f = 400 kHz; B̂ = 50 mT; T = 100 °C
3C90	≥ 330	≤ 4.3	≤ 4.8	–	–	–
3C94	≥ 330	–	≤ 3.6	–	≤ 21	–
3C95	≥ 330	–	–	≤ 22.4	≤ 21.3	–
3F3	≥ 320	–	≤ 4.5	–	–	≤ 8.5

COIL FORMERS

General data 22-pins ETD54/28/19 coil former

ITEM	SPECIFICATION
Coil former material	polybutyleneterephthalate (PBT), glass-reinforced, flame retardant in accordance with UL 94V-0; UL file number E45329(M)
Pin material	copper-tin alloy (CuSn), tin (Sn) plated
Maximum operating temperature	155 °C, "IEC 60085", class F
Resistance to soldering heat	"IEC 60068-2-20", Part 2, Test Tb, method 1B, 350 °C, 3.5 s
Solderability	"IEC 60068-2-20", Part 2, Test Ta, method 1



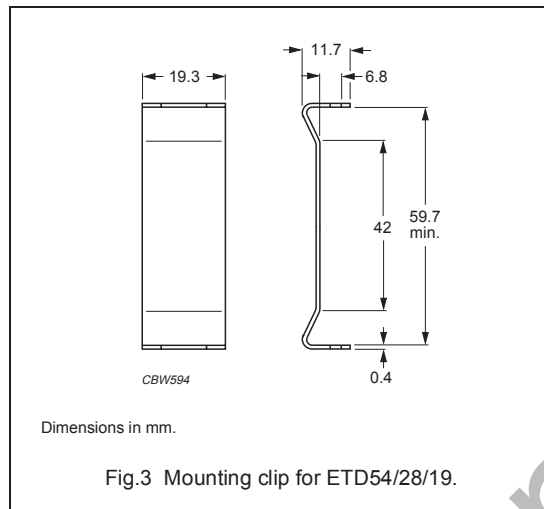
Winding data and area product for 22-pins ETD54/28/19 coil former

NUMBER OF SECTIONS	WINDING AREA (mm ²)	MINIMUM WINDING WIDTH (mm)	AVERAGE LENGTH OF TURN (mm)	AREA PRODUCT Ae x Aw (mm ⁴)	TYPE NUMBER
1	316	36.8	96	88500	CPH-ETD54-1S-22P

MOUNTING PARTS

General data

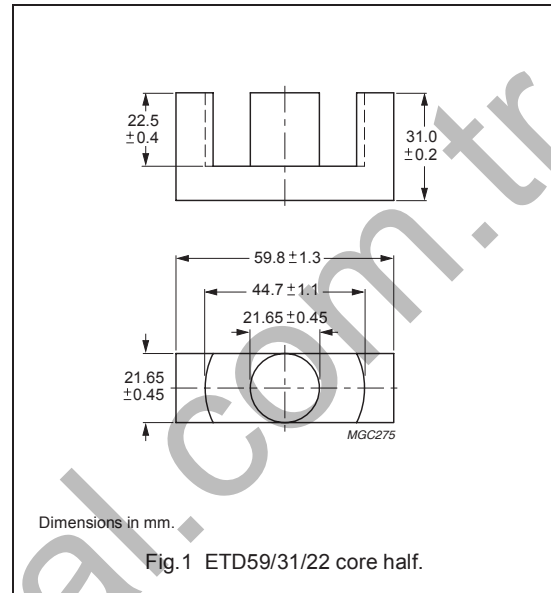
ITEM	REMARKS	FIGURE	TYPE NUMBER
Mounting clip	material: stainless steel	3	CLI-ETD54



CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma(l/A)$	core factor (C1)	0.378	mm ⁻¹
V_e	effective volume	51500	mm ³
l_e	effective length	139	mm
A_e	effective area	368	mm ²
A_{min}	minimum area	360	mm ²
m	mass of core half	≈130	g



Core halves

Clamping force for A_L measurements, 70 ± 20 N. Gapped cores are available on request.

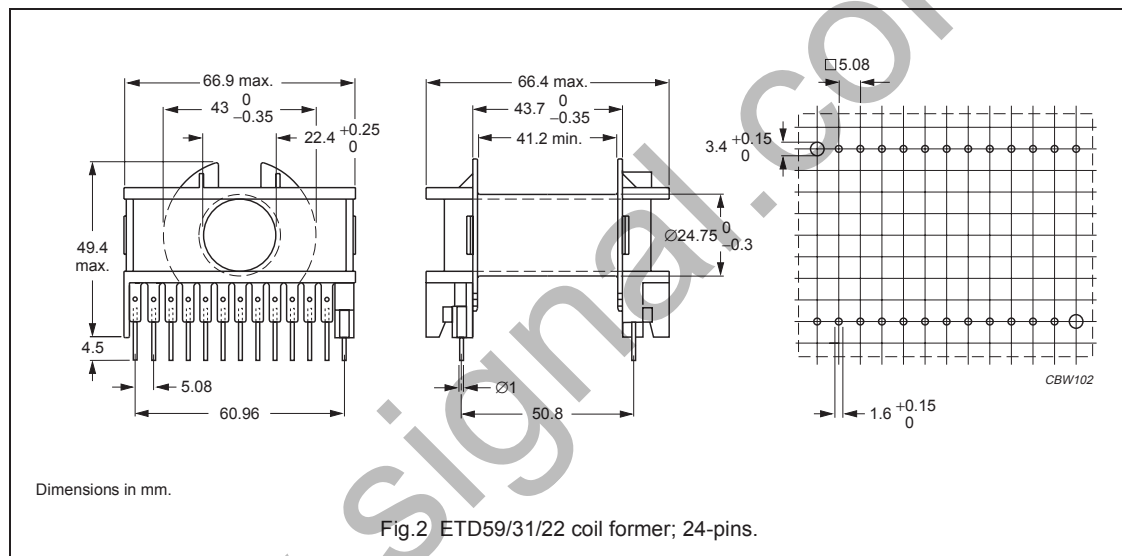
GRADE	A_L (nH)	μ_e	AIR GAP (μm)	TYPE NUMBER
3C90	6000 ± 25%	≈ 1800	≈ 0	ETD59/31/22-3C90
3C94	6000 ± 25%	≈ 1800	≈ 0	ETD59/31/22-3C94
3C95 des	7340 ± 25%	≈ 2205	≈ 0	ETD59/31/22-3C95
3F3	5600 ± 25%	≈ 1680	≈ 0	ETD59/31/22-3F3

Properties of core sets under power conditions

GRADE	B (mT) at	CORE LOSS (W) at				
	H = 250 A/m; f = 25 kHz; T = 100 °C	f = 25 kHz; B̂ = 200 mT; T = 100 °C	f = 100 kHz; B̂ = 100 mT; T = 100 °C	f = 100 kHz; B̂ = 200 mT; T = 25 °C	f = 100 kHz; B̂ = 200 mT; T = 100 °C	f = 400 kHz; B̂ = 50 mT; T = 100 °C
3C90	≥ 330	≤ 6.2	≤ 7.3	–	–	–
3C94	≥ 330	–	≤ 5.2	–	≤ 31	–
3C95	≥ 330	–	–	≤ 32.4	≤ 30.9	–
3F3	≥ 320	–	≤ 6.7	–	–	≤ 12.8

COIL FORMER**General data 24-pins ETD59/31/22 coil former**

PARAMETER	SPECIFICATION
Coil former material	polybutyleneterephthalate (PBT), glass-reinforced, flame retardant in accordance with "UL 94V-0"; UL file number E45329(M)
Pin material	copper-tin alloy (CuSn), tin (Sn) plated
Maximum operating temperature	155 °C, "IEC 60085", class F
Resistance to soldering heat	"IEC 60068-2-20", Part 2, Test Tb, method 1B, 350 °C, 3.5 s
Solderability	"IEC 60068-2-20", Part 2, Test Ta, method 1

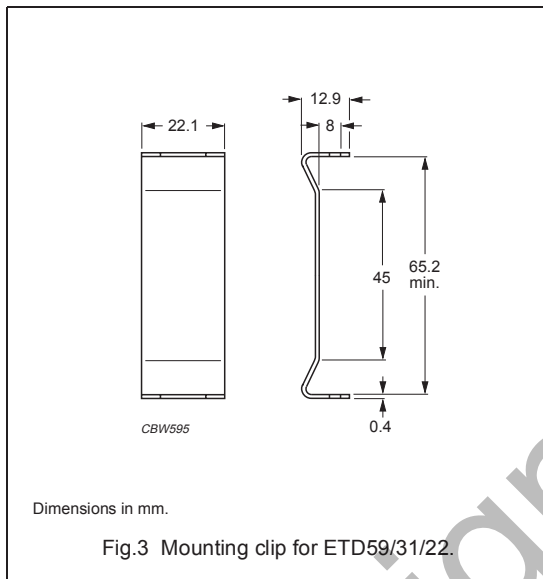
**Winding data and area product for 24-pins ETD59/31/22 coil former**

NUMBER OF SECTIONS	WINDING AREA (mm ²)	MINIMUM WINDING WIDTH (mm)	AVERAGE LENGTH OF TURN (mm)	AREA PRODUCT Ae x Aw (mm ⁴)	TYPE NUMBER
1	366	41.2	106	135000	CPH-ETD59-1S-24P

MOUNTING PARTS

General data

ITEM	REMARKS	FIGURE	TYPE NUMBER
Mounting clip	material: stainless steel	3	CLI-ETD59



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