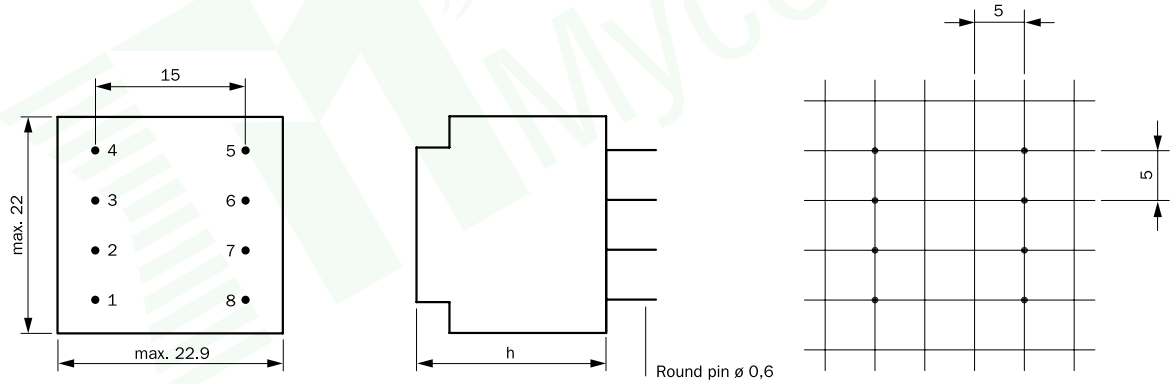
Printed-Circuit-Board transformers
Output Power: 0.35 VA – 0.5 VA

- Minimal size available
- Primary voltages from 12 V to 250 V
- Secondary voltages from 4 V to 24 V or 2 x 3 V to 2 x 12 V
- Output Power up to 0.5 VA
- Further voltages on demand
- Inherently short-circuit-proof
- Vacuum-encapsulated, bobbin type with dual chamber windings
- Temperature class ta 70 °C
- High electrical safety and long service-life features
- Per item tested quality with certificate
- Excellent temperature fluctuation resistance properties
- Self-extinguishing cast housing and sealing material

Thanks to its minimal size the MCT EE20 is the ideal problem solution for appliance manufacturers requiring small components and who are not prepared to enter into any comprises as regards quality and performance demands. Processing with double-coated windings, special extreme heat-resistant epoxy insulating resins and self-extinguishing encapsulation housing materials give HAHN transformers extra electrical safety reserves enabling applications of extreme limits to be addressed.

The MCT EE20 with insulation class B properties is especially suit able for printed circuit boards, computer processors, other electronic applications, domestic appliances, telecommunications', lighting and photo technologies. Particularly in regard to competitiveness on international markets and the product liability of manufacturers, the MCT EE20 offers users the greatest functional electrical safety and long-life service by reason of its superior quality for their products

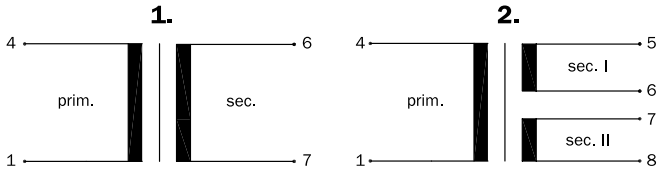
Connecting pins



View looking onto pins

Dimensions without tolerances ± 0.3 mm,
rights to make alterations and improvements hereby reserved

Connection scheme (only connected pins are present)



2.) double voltage – bridge: 6 + 7, double current – bridge: 5 + 7/6 + 8

Frame size/Core height	Output Power To 70° C	Size(h)	Weight	Packaging unit
MCT EE 201/6mm	0.35V/A	15mm	0.025kg	50/250 pieces*
MCT EE 202/10mm	0.50V/A	19mm	0.035kg	50/250 pieces*

* it depends on kind of packaging

Printed-Circuit-Board transformers
Output Power: up to 0.5 VA

0.35 VA ta 70 °C

Frame size/Core height
MCT 201 . /6 mm
Inherently short-circuit proof
no load power loss typ. 1.2 W

Order No.	Primary Voltage V	Connecting pins prim.	Secondary voltage V	Current sec.mA	Connecting pins sec.	No-load Voltage V	Connection scheme
MCT 201 0128	230	1-4	1×6	58	6-7	1×10.0	1
MCT 201 0142	230	1-4	2×6	29	5-6/7-8	2×10.6	2
MCT 201 0143	230	1-4	1×7.5	47	6-7	1×12.6	1
MCT 201 0136	230	1-4	1×9	39	6-7	1×14.4	1
MCT 201 0144	230	1-4	2×9	19	5-6/7-8	2×16.2	2
MCT 201 0145	230	1-4	1×12	29	6-7	1×20.8	1
MCT 201 0146	230	1-4	2×12	15	5-6/7-8	2×19.7	2
MCT 201 0147	230	1-4	1×15	23	6-7	1×26.1	1
MCT 201 0149	230	1-4	1×18	19	6-7	1×30.4	1
MCT 201 0150	230	1-4	1×21	17	6-7	1×36.0	1
MCT 201 0135	230	1-4	1×24	15	6-7	1×36.8	1

0.5 VA ta 70 °C

Frame size/Core height
MCT 202 . /10 mm
Inherently short-circuit proof
no load power loss typ. 1.5 W

Order No.	Primary Voltage V	Connecting pins prim.	Secondary voltage V	Current sec.mA	Connecting pins sec.	No-load Voltage V	Connection scheme
MCT 202 0154	230	1-4	1×6	83	6-7	1×10.2	1
MCT 202 0155	230	1-4	2×6	42	5-6/7-8	2×9.7	2
MCT 202 0156	230	1-4	1×7.5	67	6-7	1×12.8	1
MCT 202 0157	230	1-4	1×9	55	6-7	1×15.4	1
MCT 202 0158	230	1-4	2×9	28	5-6/7-8	2×15.4	2
MCT 202 0159	230	1-4	1×12	42	6-7	1×21.2	1
MCT 202 0160	230	1-4	2×12	21	5-6/7-8	2×21.2	2
MCT 202 0161	230	1-4	1×15	33	6-7	1×25.9	1
MCT 202 0162	230	1-4	1×18	28	6-7	1×30.9	1
MCT 202 0163	230	1-4	1×21	24	6-7	1×36.2	1
MCT 202 0164	230	1-4	1×24	21	6-7	1×41.2	1