

Printed-Circuit-Board transformers

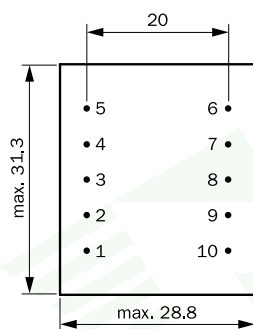
Output Power: 1.0 VA – 2.0 VA

- Primary voltages from 12 V to 250 V or 2 x 12 V to 2 x 125 V
- Secondary voltages from 2 V to max. 24 V or 2 x 2 V to max. 2 x 24 V
- Output Power up to 2.0 VA
- Short-circuit-proof
- Vacuum-encapsulated, bobbin with dual chamber windings
- Temperature class ta 40° C and ta 70° C
- Per item tested quality with certificate
- Excellent temperature fluctuation resistance properties
- Self-extinguishing cast housing and sealing material
- Minimal size available

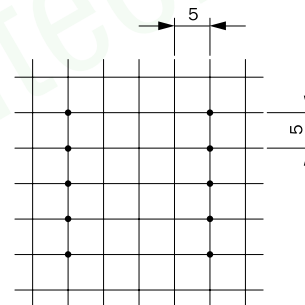
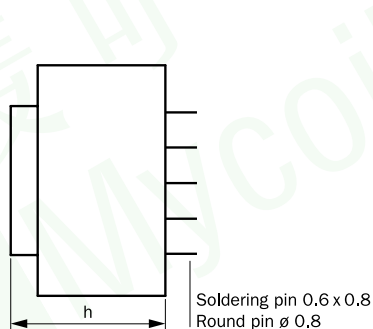
Several hundreds of types provide safety and long service-life for printed circuit boards, household appliances, leisure electronics, heating and control technology as well as in assembly techniques. Transformers for special requirements with lower open-circuit (no-load) loss capacity are also available in the range.

MCT welcome customized different type of products.

Connecting pins

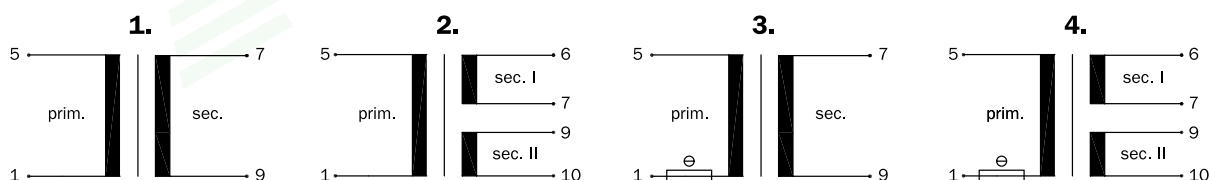


View looking onto pins



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: 7 + 9, double current – bridge: 6 + 9/7 + 10

Frame size/ Core height	Output Power To 40° C	Output Power To 70° C	Output Power To 70° C With thermo-fuse	Height(h)	Weight	Packaging unit
MCT EI 281/12.0mm	1.0V/A	0.8V/A	0.8V/A	25.5mm	0.035kg	50 pieces*
MCT EI 282/18.0mm	2.0V/A	1.8V/A	1.8V/A	32.5mm	0.108kg	50 pieces*

* it depends on kind of packaging

Printed-Circuit-Board transformers

Output Power: up to 2.0 VA

1.0 VA ta 70 °C

Frame size/Core height

MCT EI 281./12.0mm

Inherently short-circuit proof

no load power loss

type. 1.0 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 EI 281 0001	230	1-5	1×6	166.0	7-9	1×8.5	1
MCT EI 281 0002	230	1-5	2×6	83.0	6-7/9-10	2×8.3	2
MCT EI 281 0003	230	1-5	1×7.5	133.2	7-9	1×11.0	1
MCT EI 281 0004	230	1-5	2×7.5	66.6	6-7/9-10	2×10.5	2
MCT EI 281 0005	230	1-5	1×9	111.0	7-9	1×12.5	1
MCT EI 281 0006	230	1-5	2×9	55.5	6-7/9-10	2×11.9	2
MCT EI 281 0007	230	1-5	1×12	84.0	7-9	1×16.3	1
MCT EI 281 0008	230	1-5	2×12	42.0	6-7/9-10	2×16.2	2
MCT EI 281 0009	230	1-5	1×15	66.0	7-9	1×20.2	1
MCT EI 281 0010	230	1-5	2×15	33.0	6-7/9-10	2×20.4	2
MCT EI 281 0011	230	1-5	1×18	55.0	7-9	1×24.2	1
MCT EI 281 0012	230	1-5	2×18	27.5	6-7/9-10	2×24.2	2
MCT EI 281 0013	230	1-5	1×24	42.0	7-9	1×32.2	1
MCT EI 281 0014	230	1-5	2×24	21.0	6-7/9-10	2×32.1	2

2.0 VA ta 70 °C

Frame size/Core height

MCT EI 282 . /18.0mm

Inherently short-circuit proof

no load power loss

type. 2.0 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 EI 282 0016	230	1-5	1×6	333.0	7-9	1×10.5	1
MCT EI 282 0017	230	1-5	2×6	166.5	6-7/9-10	2×10.5	2
MCT EI 282 0018	230	1-5	1×7.5	267.0	7-9	1×13.0	1
MCT EI 282 0019	230	1-5	2×7.5	133.0	6-7/9-10	2×13.0	2
MCT EI 282 0020	230	1-5	1×9	222.0	7-9	1×15.0	1
MCT EI 282 0021	230	1-5	2×9	111.0	6-7/9-10	2×15.0	2
MCT EI 282 0022	230	1-5	1×12	167.0	7-9	1×20.2	1
MCT EI 282 0023	230	1-5	2×12	83.0	6-7/9-10	2×20.2	2
MCT EI 282 0024	230	1-5	1×15	133.0	7-9	1×24.5	1
MCT EI 282 0025	230	1-5	2×15	66.0	6-7/9-10	2×24.5	2
MCT EI 282 0026	230	1-5	1×18	111.0	7-9	1×38.0	1
MCT EI 282 0027	230	1-5	2×18	55.0	6-7/9-10	2×29.5	2
MCT EI 282 0028	230	1-5	1×24	83.0	7-9	1×24.2	1
MCT EI 282 0029	230	1-5	2×24	41.5	6-7/9-10	2×24.5	2