



## **Transformator I2PLCTR-1 Datasheet**

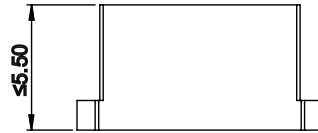
chargebyte GmbH

Jul 25, 2023

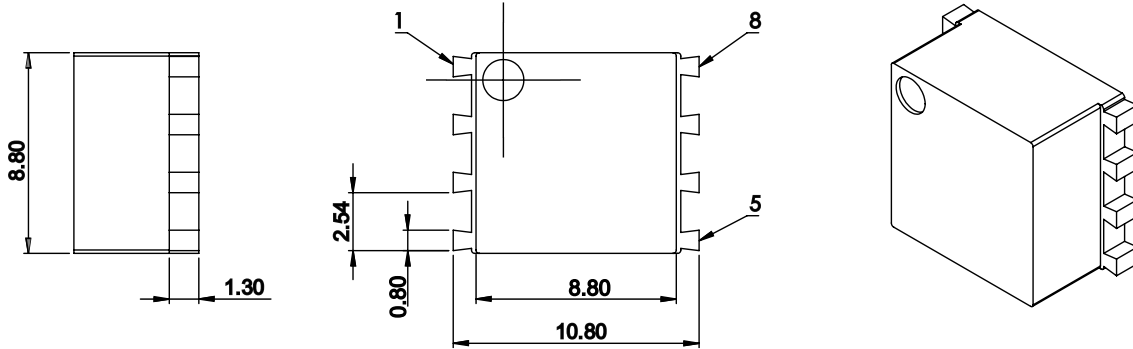
1:4:5 PLC Transformer 00 5535 41 Ind. 1

MPN: I2PLCTR-1

view from front side



view from top side



**Labeling:** Part number (last six digits) and manufacturing date according to IEC 62.

**Units:** [mm]

**Conformity:** RoHS conform

Schematics	Recommended Footprint
	<p>Solderable according to IPC/JEDEC J-STD-020-D</p>

**Electrical Properties:**

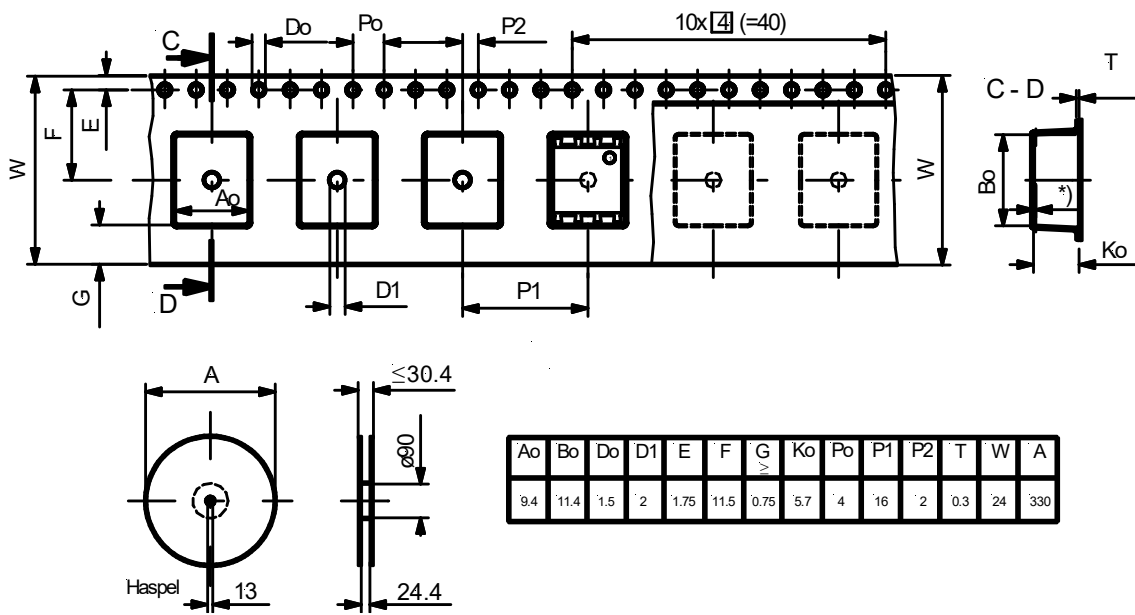
Winding No.:	L <sub>nom</sub>		f <sub>meas</sub>	Winding Ratio		Highvoltage	Comment
	[μH]	±%	[MHz]	W <sub>1</sub> / W <sub>i</sub>	±%	[kV]	
1	68.8	30	0.1				
2			0.1	4.00	6		
3			0.1	0.81	6		
1 / 2+3						4.0 / 2 s	AC 50 Hz
<b>Operating Temperature:</b> -40 °C ±125 °C				<b>Max. Soldering temperature:</b> 260 °C 10 s			
Dielectric Withstand Voltage		Winding 1 to Winding 2 and 3: 4.0kV <sub>AC</sub> cr = 8 mm, cl = 6.5 mm					

**Storage and transport conditions (in blister belt):** +10 °C ... +40 °C

≤ 70% relative humidity, store or transport in the dark.

**Blister Belt:** 79 9415 40,

PU = 600 Piece per roll



\*) Measuring plane at distance = 0.3 mm from the ground. Blister packaging designed according to DIN EN 60286/3: 2014