



Common mode toroidal chokes-PZ-TLCH2030 Series

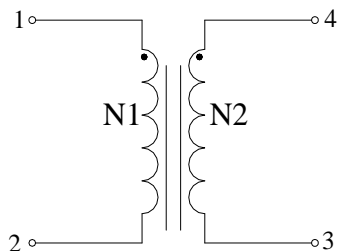
Characteristics:

- 1.High saturation resistance and excellent thermal behavior.
- 2.Through hole pin connections.
- 3.Dual-choke configuration decoupling.
- 4.Small compact design.
- 5.Multiple housing options.
- 6.Custom-specific versions are available on request.Higher temperature versions.
- 7.Operating temperature: -25 °C to +125 °C
- 8.Custom designs on request

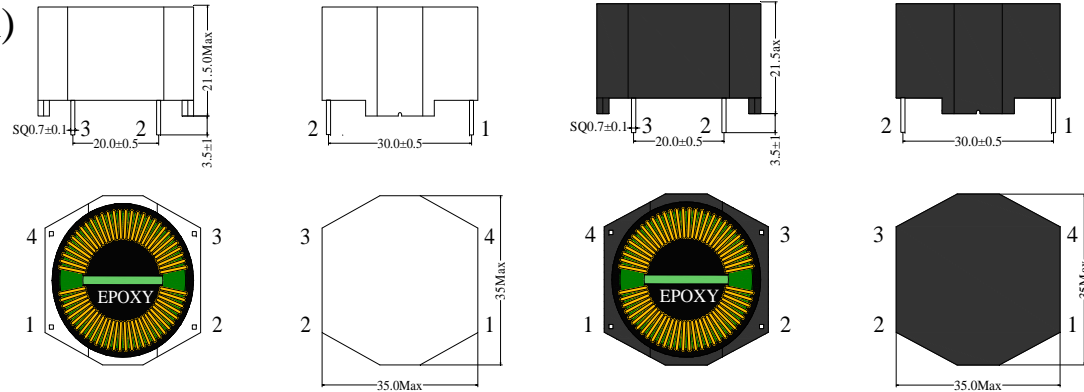
Applications:

- 1.Switch-mode power applications.
- 2.Suppressing common-mode interference levels.
- 3.EMI input filters
- 4.For suppression-equipment with no earth connection.
- 5.Phase-angle control circuits in combination with saturating chokes

Schematic:



Dimensions (Unit: mm)



Electrical Properties:

P&Z Part No.	L(mH)	st conditions	Tolerance	DCR(mΩREF.)	Irms(A Max)
PZ-TLCH2030-182M	2*1.8	1KHZ/0.25V	Min	20	6.0
PZ-TLCH2030-332M	2*3.3	1KHZ/0.25V	Min	67	4.0
PZ-TLCH2030-392M	2*3.9	1KHZ/0.25V	Min	59	4.0
PZ-TLCH2030-682M	2*6.8	1KHZ/0.25V	Min	192	2.0
PZ-TLCH2030-403M	2*10	1KHZ/0.25V	Min	240	2.0
PZ-TLCH2030-273M	2*27	1KHZ/0.25V	Min	500	1.4
PZ-TLCH2030-333M	2*33	1KHZ/0.25V	Min	810	1.0
PZ-TLCH2030-473M	2*47	1KHZ/0.25V	Min	891	1.0
PZ-TLCH2030-823M	2*82	1KHZ/0.25V	Min	2700	0.5
PZ-TLCH2030-104M	2*100	1KHZ/0.25V	Min	2900	0.5

Note:

It is recommended that the temperature of the part does not exceed +125°C under worst case conditions.

- Storage Temperature: -20°C to 60°C
- Operating Temperature: -40°C to 125°C
- Temperature Rise: < 55K
- Dielectric strength -2400V / 50HZ / 3S
- Test conditions of Electrical Properties: 20°C, 33% RH

If not specified differently