



Common mode toroidal chokes-PZ-TLCH1220 Series

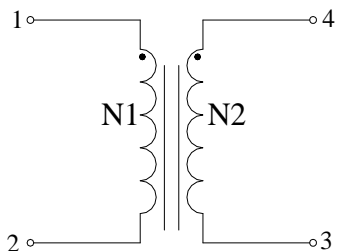
Characteristics:

- 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

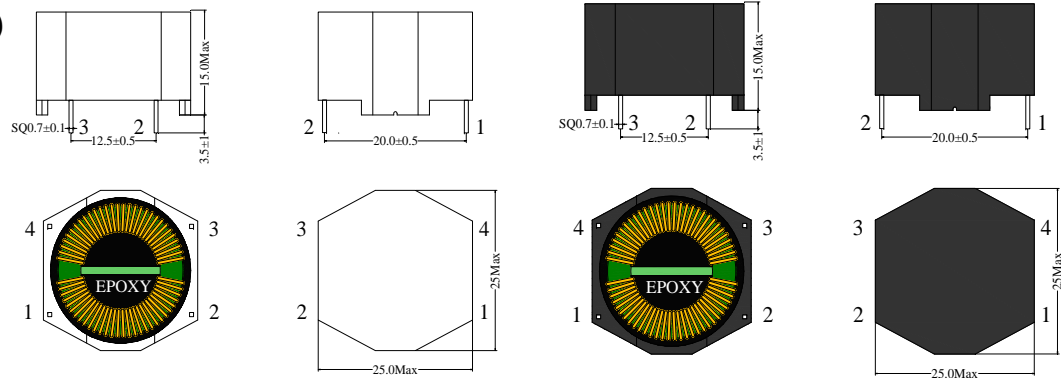
Applications:

- 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-TLCH1220-152M	2*1.5	1KHZ/0.25V	Min	34	4.0
PZ-TLCH1220-222M	2*2.2	1KHZ/0.25V	Min	66	2.0
PZ-TLCH1220-332M	2*3.3	1KHZ/0.25V	Min	70	2.0
PZ-TLCH1220-402M	2*4.0	1KHZ/0.25V	Min	87	1.7
PZ-TLCH1220-422M	2*4.2	1KHZ/0.25V	Min	100	2.0
PZ-TLCH1220-682M	2*6.8	1KHZ/0.25V	Min	140	1.3
PZ-TLCH1220-103M	2*10	1KHZ/0.25V	Min	210	1.0
PZ-TLCH1220-153M	2*15	1KHZ/0.25V	Min	370	1.0
PZ-TLCH1220-273M	2*27	1KHZ/0.25V	Min	370	0.8
PZ-TLCH1220-393M	2*39	1KHZ/0.25V	Min	920	0.5
PZ-TLCH1220-473M	2*47	1KHZ/0.25V	Min	1700	0.3

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