



Toroidal Common mode chokes-PZ-STBL1412 Series

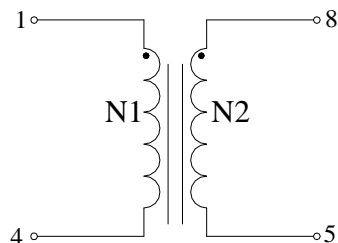
Characteristics:

- 1.Compact design.
- 2.Single layer winding for minimum capacitance.
- 3.Meets UL 94V-0 flammability standard.
- 4.Available on tape and reel for auto surface mounting.
- 5.In addition to the standard values shown, P&Z can custom engineer parts for specific applications.
- 6.Rated Current : The current when temperature of coil increase up to max. $\Delta T=40^{\circ}\text{C}$.($T_a=20^{\circ}\text{C}$) C
- 7.Custom designs on request

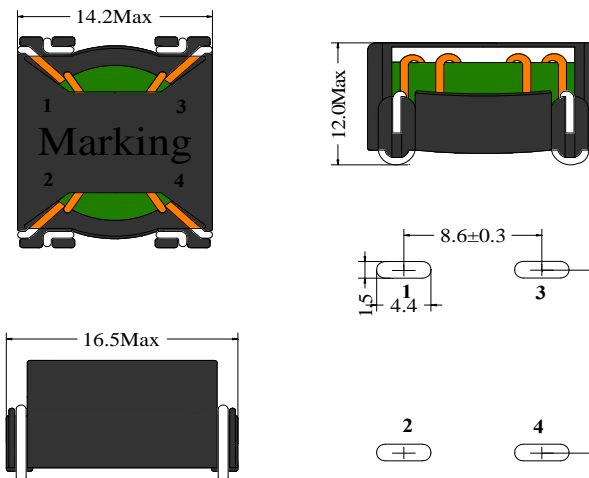
Applications:

- 1.EMI filters.
- 2.Personal computers.
- 3.Communication equipment.

Schematic:



Dimensions (Unit: mm)



Electrical Properties:

P&Z Part No.	L(mH)	Test conditions	Tolerance	DCR(mΩREF.)	I _{rms} (A Max)
PZ-STBL1412-100N	2*0.65	10KHZ/0.25V	±30%	2*15	3.6
PZ-STBL1412-150N	2*0.8	10KHZ/0.25V	±30%	2*35	1.9
PZ-STBL1412-200N	2*1.5	10KHZ/0.25V	±30%	2*60	1.5
PZ-STBL1412-121N	2*6.0	10KHZ/0.25V	±30%	2*450	1.0
PZ-STBL1412-201N	2*15.0	10KHZ/0.25V	±30%	2*1200	1.0

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