MECHANICAL

- 10/100/1000 Gigabit Base-T for Ethernet Applications
- Industrial Operating Temp: -40°C to +85°C
- Transmit open circuit inductance (OCL): 350µH (MIN)
  @ 100KHz, 0.1Vrms with 8mA DC Bias
- Meets IEEE 802.3 specification
- RJ45 jack cavity conforms to FCC rules and regulations
  Part 68, SUB Part F

<table>
<thead>
<tr>
<th>Electrical Specifications @ 25°C</th>
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<tbody>
<tr>
<td>OCL(µH Min) @ 100kHz, 0.1V</td>
</tr>
<tr>
<td>With 8mA DC Bias</td>
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<tr>
<td>350</td>
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</tbody>
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*All specifications subject to change without notice.

## Front View

## Side View

## Bottom View

## Top View
1. Connector Materials:
   Housing Material: Thermoplastic PBT+30%G. F. UL94V-0
   Contact Material: Phosphor Bronze C5210R-EH Thickness 0.35mm
   Pins: Brass C2680R-H Thickness 0.35mm
   Shield: Copper Alloy Brass H65Y Thickness 0.20mm
   Shield Plating: Nickel
   Contact Plating: Gold 6µ" min in contact area
2. Wave Solder Tip Temperature: 265°C Max, 5 Sec Max