Type CDR125
(10 ~ 820)µH

# Ferrite core
# Ferrite shielded
# High S.R.F.

The type CDR125 smd inductors provide high inductance and rated d.c. current with small size and are ferrite shielded. They are very high quality components which may be assembled using reflow or wave soldering techniques and supplied packed in bulk or on 16mm tape and reel, 500 pieces per reel. Maximum rated current is based on a temperature rise of +40°C and a maximum inductance fall to 80% of the original value.

Electrical specification

<table>
<thead>
<tr>
<th>Inductance value</th>
<th>Ferrite shielded inductors</th>
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<tbody>
<tr>
<td>(10 ~ 82)µH at 2.52MHz</td>
<td>(100 ~ 820)µH at 1kHz</td>
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</tbody>
</table>

Core material: Ferrite
Temperature range: (-25 +70)°C
Moisture resistance: H±5% max., Q±10% max., relative humidity 90% ~ 95%, +40°C, 24 hours

Temperature coefficient: (0 ~ 2000)ppm/°C
Vibration: ±2% max., (10 ~ 255)Hz, 1.5mm displacement, duration 1 hour
Shock: ±2% max., three shocks of 100g, each of three planes

Marking: Date code, inductance code
Insulation resistance: 100MΩ min.
Voltage rating: 100V d.c.