### Features
- Shielded SMD Power Inductor
- Designed to meet AEC-Q200
- Low profile
- Low DC resistance
- Ideal for pick and place

### Electrical
- **Inductance Range:** 2.2µH - 560µH
- **Tolerance:** 20% or 30% across range
- **Operating Temp:** -40ºC to +125ºC
- **Rated Current:** Current at which inductance drop by 30% of initial value or \( \Delta T=40^\circ\text{C} \) lower, whichever is lower

### Resistance to Soldering Heat
- Pre-Heat 150ºC, 1 Min.
- **Solder Composition:** Sn/Ag3.0/Cu0.5
- **Solder Temp:** 260ºC ±5ºC for 10 sec. ±1 sec.

### Test Equipment
- **Inductance:** HP4284A
- **DCR:** 16502
- **Rated Current:** HP4284+HP42841A

### Physical
- **Packaging:** 1000 pieces per 13 inch reel.
- **Marking:** EIA Inductance Code