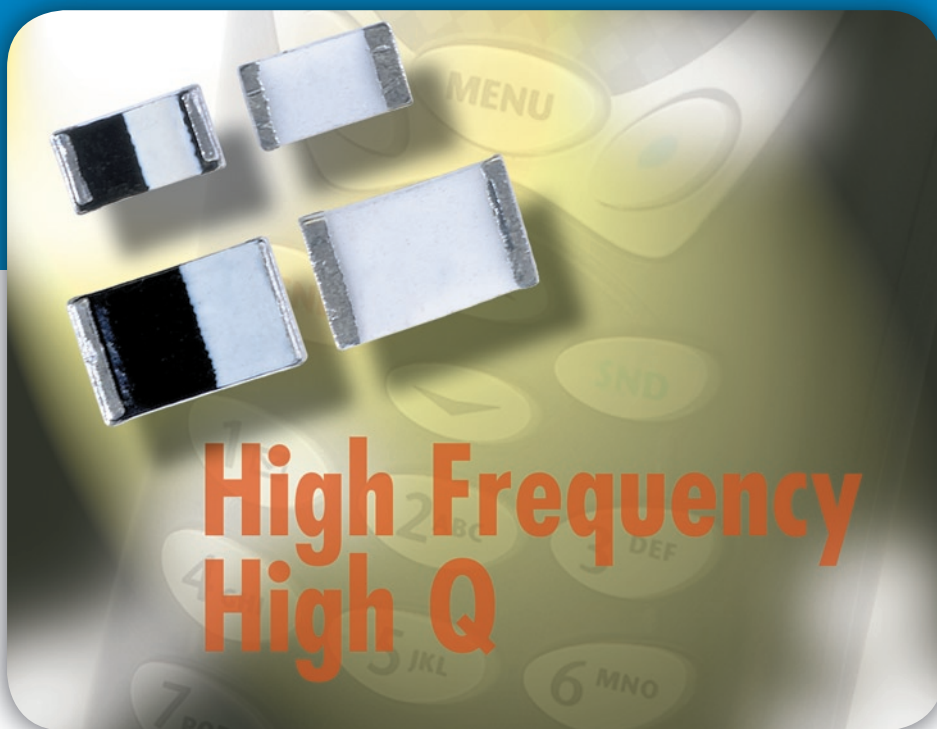




INDUCTORS –

Model IFC-0603 and IFC-0805



New High-Frequency Chip Inductor Using Photolithographic Process: $Q > 80$ at 1700 MHz; 15 GHz SRF; 2% Tolerance Available

**Vishay Dale Photo-Etched Ceramic Inductor for Critical
Impedance-Matching Circuits**

FEATURES

- **Inductance Values:** 0603 1.5 nH to 18 nH; 0805 1.5 nH to 47 nH
- **High Self-Resonant Frequency:** >15 GHz for lower values
- **High Efficiency:** Q_s are typically 50 @ 1700 MHz and 37 @ 800 MHz for 0603; and 65 @ 1700 MHz and 48 @ 800 MHz for 0805
- **New Proprietary Photolithographic Construction:** Improves stability and precision of manufacturing and reduces overall cost compared to standard thin film construction
- **Tight Tolerances:** As low as 2%

