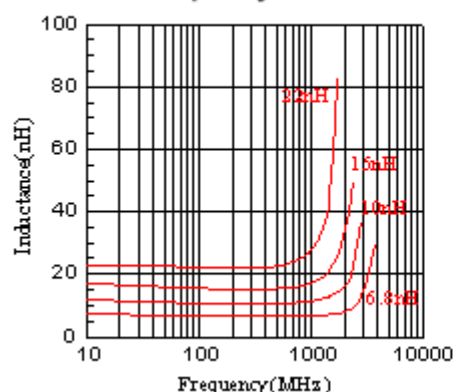


- Ceramic Chip Inductors**

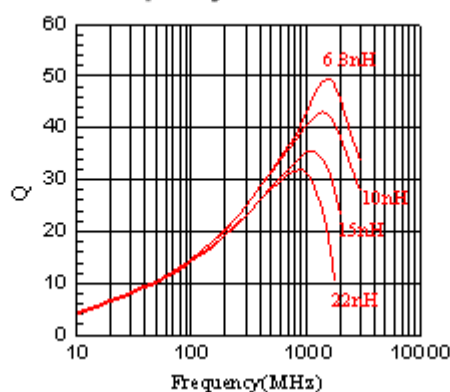
| Part Number |       | Inductance<br>(nH)@ 100MHz | Q Typical |        | SRF (MHz) | RDC (Ω) | IDC (mA) |
|-------------|-------|----------------------------|-----------|--------|-----------|---------|----------|
|             |       |                            | 100MHz    | 800MHz | Typ.      | Max.    | Max      |
| CHL-160808  | -1N2□ | 1.2                        | 13        | 60     | >13000    | 0.10    | 1000     |
| CHL-160808  | -1N5□ | 1.5                        | 13        | 47     | >13000    | 0.10    | 1000     |
| CHL-160808  | -1N8□ | 1.8                        | 12        | 30     | >13000    | 0.10    | 1000     |
| CHL-160808  | -2N2□ | 2.2                        | 12        | 37     | 12000     | 0.10    | 1000     |
| CHL-160808  | -2N7□ | 2.7                        | 12        | 41     | 11000     | 0.10    | 1000     |
| CHL-160808  | -3N3□ | 3.3                        | 12        | 42     | 9000      | 0.12    | 1000     |
| CHL-160808  | -3N9□ | 3.9                        | 13        | 42     | 8000      | 0.14    | 1000     |
| CHL-160808  | -4N7□ | 4.7                        | 12        | 42     | 6500      | 0.16    | 600      |
| CHL-160808  | -5N6□ | 5.6                        | 12        | 42     | 5800      | 0.18    | 600      |
| CHL-160808  | -6N8□ | 6.8                        | 12        | 43     | 5600      | 0.22    | 600      |
| CHL-160808  | -8N2□ | 8.2                        | 13        | 44     | 5200      | 0.24    | 600      |
| CHL-160808  | -10N□ | 10.0                       | 13        | 43     | 4600      | 0.26    | 600      |
| CHL-160808  | -12N□ | 12.0                       | 15        | 45     | 4000      | 0.28    | 600      |
| CHL-160808  | -15N□ | 15.0                       | 15        | 46     | 3400      | 0.32    | 600      |
| CHL-160808  | -18N□ | 18.0                       | 16        | 44     | 3000      | 0.35    | 600      |
| CHL-160808  | -22N□ | 22.0                       | 17        | 44     | 2900      | 0.40    | 600      |
| CHL-160808  | -27N□ | 27.0                       | 17        | 45     | 2200      | 0.45    | 600      |
| CHL-160808  | -33N□ | 33.0                       | 18        | 46     | 1800      | 0.55    | 600      |
| CHL-160808  | -39N□ | 39.0                       | 17        | 44     | 1600      | 0.60    | 500      |
| CHL-160808  | -47N□ | 47.0                       | 17        | 35     | 1600      | 0.70    | 500      |
| CHL-160808  | -56N□ | 56.0                       | 17        | 34     | 1400      | 0.75    | 500      |
| CHL-160808  | -68N□ | 68.0                       | 18        | 30     | 1200      | 0.85    | 400      |
| CHL-160808  | -82N□ | 82.0                       | 18        | 27     | 1100      | 0.95    | 300      |
| CHL-160808  | -R10□ | 100.0                      | 18        | 16     | 1000      | 1.00    | 300      |
| CHL-160808  | -R12□ | 120.0                      | 16        | -      | 800       | 1.20    | 300      |
| CHL-160808  | -R15□ | 150.0                      | 13        | -      | 800       | 1.20    | 300      |
| CHL-160808  | -R18□ | 180.0                      | 13        | -      | 700       | 1.30    | 300      |
| CHL-160808  | -R22□ | 220.0                      | 12        | -      | 600       | 1.50    | 300      |

Testing Instrument: HP8753E

**Inductance vs. Frequency Characteristics**



**Q vs. Frequency characteristics**



**Impedance vs. Frequency Characteristics**

