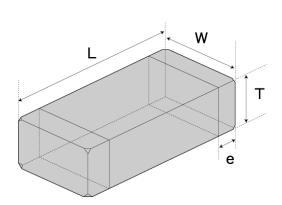
Spec Sheet

Multilayer Chip Inductors for High Frequency Applications (HK series)

HK1005R18J-T



Features

- Item Summary
 180nH(±5%), 130mA, 8, 0402
- Lifecycle Stage
- Mass Production
 Standard packaging quantity (minimum)

Taping 10000pcs

■ Products characteristics table

| CaseSize (EIA/JIS) | 0402/1005 |
|--------------------------------|----------------|
| Inductance | 180nH(±5%) |
| Inductance Measuring Frequency | 100MHz |
| Rated Current | 130mA 200mA |
| DC Resistance (max) | 3.7Ω |
| Avg. of DC.Resistance | 2.97Ω |
| Temperature Range | -55℃ to 125℃ |
| Self-resonant Frequency (min) | 500MHz |
| Q (max) | 8min |
| Q Measuring Frequency | 100MHz |
| RoHS Compliance | Yes |
| Halogen Free | Yes |
| Soldering Method | Reflow |

■ External Dimensions

| L | 1mm ±0.05 |
|---|--------------|
| W | 0.5mm ±0.05 |
| н | 0.5mm ±0.05 |
| е | 0.25mm ±0.10 |

The data is reference only. Electrical characteristics vary depending on environment or measurement condition. TAIYO YUDEN reserves the right to make change to the Date at any time without notice. Before making final selection, please check product specification.