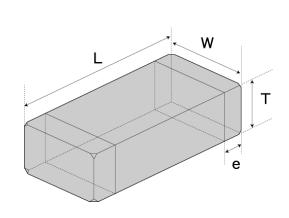
Spec Sheet

High Frequency Multilayer Chip Inductors for Automotive / Industrial Applications (HK series)

HK100518NJ-TV



Features

- Item Summary
 - 18nH(±5%), 300mA, 8, 0402
- Lifecycle Stage
- Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
 Taping 10000pcs

Products characteristics table		
CaseSize (EIA/JIS)	0402/1005	
Inductance	18nH(±5%)	
Inductance Measuring Frequency	100MHz	
Rated Current	300mA	
DC Resistance (max)	0.55Ω	
Avg. of DC.Resistance	0.35Ω	
Temperature Range	-55 to +125 °C	
Self-resonant Frequency (min)	2100MHz	
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
e	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.