



## SMD Inductors

### KLS18-SMDB2012 FERRITE CHIP INDUCTORS

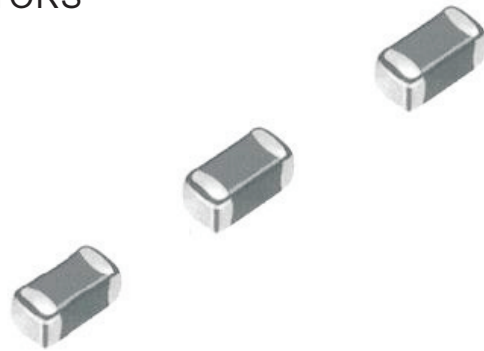
#### FEATURES

Miniature volume.

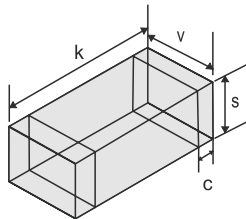
No cross coupling between inductors due to low magnetic shield and high reliability.

No lead, ideal for high density SMT installation, with no directionality.

Superior solderability and resistance to soldering heat, Ideal for wave or reflow soldering.



#### SHAPE AND DIMENSIONS



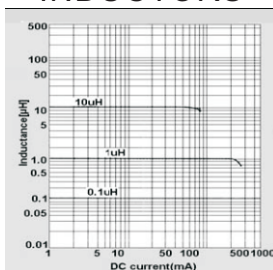
Unit:mm(inch)

Part No.	L	W	T	D
2012	2.0±0.2	1.2±0.2	0.9±0.2	0.5±0.3
(0805)	(0.079±0.008)	(0.047±0.008)	(0.035±0.008)	(0.020±0.012)

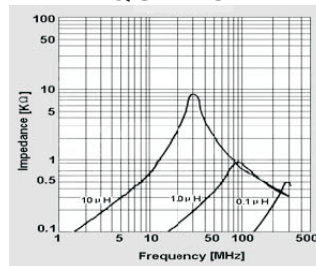
#### ELECTRICAL CHARACTERISTICS

Part No.	Inductance (u H)	Q (Min)	Test Fre. (MHz)	SRF (MHz)Min	DCR (Ω)Max	I <sub>r</sub> (mA)Max
KLS18-SMDB2012-474K-R	0.47	25	0.25	125	0.5	200

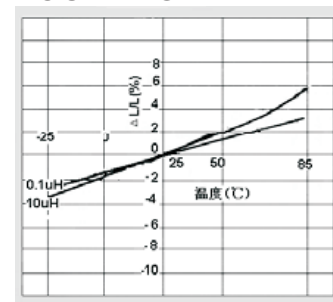
#### FERRITE CHIP INDUCTORS



#### IMPEDANCE VS. FREQUENCY



#### CHARACTERISTICS CURVES



## ORDER INFORMATION

Product No.: **KLS18-SMDB2012-474K-R**

Pos. No. \_\_\_\_\_

Packing Code : R-Reel, B:In Bulk

Series \_\_\_\_\_

Inductance 474:470uH  
Tolerance:M:±20%, K:±10%, J:±5%, N:±30%

