

## Multilayer Chip Inductors (LK series)

## LK212582NM-T



## ■ Features

- Item Summary  
82nH $\pm$ 20%, 0.3A, 0805/2012 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 4000pcs

## ■ Products characteristics table

Inductance	82 nH $\pm$ 20 %
Case Size (EIA/JIS)	0805/2012
Rated Current (max)	0.3 A
DC Resistance (max)	0.2 $\Omega$
Q (min)	15
LQ Measuring Frequency	50 MHz
Self Resonant Frequency (min)	255 MHz
Operating Temp. Range	-40 to +85 $^{\circ}$ C
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow/Wave

## ■ External Dimensions

Dimension L	2.0 +0.3/-0.1 mm
Dimension W	1.25 $\pm$ 0.2 mm
Dimension T	0.85 $\pm$ 0.2 mm
Dimension e	0.5 $\pm$ 0.3 mm

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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.