

## Axial Leaded Inductors

## CAL45VB180K



## ■ Features

- Item Summary  
18uH±10%, 1.25A, φ 4.4x8.0mm Axial
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping 1500pcs

## ■ Products characteristics table

Inductance	18 uH ± 10 %
Case Size (mm)	4.4x8.0
Rated Current (max)	1.25 A
Saturation Current (max)	1.25 A
Temperature Rise Current (max)	1.3 A
DC Resistance (max)	0.24 Ω
LQ Measuring Frequency	2.52 MHz
Operating Temp. Range	-25 to +105 °C (Including-self-generated heat)
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Halogen Free	Yes
Soldering	Wave

## ■ External Dimensions

Dimension D	Max φ 4.4 mm
Dimension L	Max 8.0 mm
Dimension H2	Max 14.0 mm
Dimension d	φ 0.65 ± 0.05 mm
Dimension F	5.0 ± 1.0 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.