

## Wire-wound Chip Power Inductors (BR series)

## BRC2016T470K



## ■ Features

- Item Summary  
47 $\mu$ H $\pm$ 10%, 0.21A, 0806/2016 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

## ■ Products characteristics table

Inductance	47 $\mu$ H $\pm$ 10 %
Case Size (EIA/JIS)	0806/2016
Rated Current (max)	0.21 A
Saturation Current (max)	0.21 A
Temperature Rise Current (max)	0.21 A
DC Resistance (typ)	2.2 $\Omega$
DC Resistance (max)	2.86 $\Omega$
LQ Measuring Frequency	0.1 MHz
Self Resonant Frequency (min)	11 MHz
Operating Temp. Range	-40 to +105 $^{\circ}$ C (Including-self-generated heat)
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (168 subst.)	Yes
Soldering	Reflow

## ■ External Dimensions

Dimension L	2.0 $\pm$ 0.2 mm
Dimension W	1.6 $\pm$ 0.2 mm
Dimension T	1.6 $\pm$ 0.2 mm
Dimension e	0.5 $\pm$ 0.2 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.