

# Spec Sheet

Wire-wound Chip Inductors for Automotive / Industrial Applications (CB series)

## CBC2012T470KV



### ■ Features

- Item Summary  
47  $\mu$ H( $\pm$ 10%), 120mA, 115mA, 0805
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping 3000pcs

### ■ Products characteristics table

|   |                        |
|---|------------------------|
| CaseSize (EIA/JIS)                      | 0805/2012              |
| Inductance                              | 47 $\mu$ H( $\pm$ 10%) |
| Inductance Measuring Frequency          | 2.52MHz                |
| Rated Current -Saturation Current       | 120mA                  |
| Rated Current -Temperature Rise Current | 115mA                  |
| DC Resistance (max)                     | 7.54 $\Omega$          |
| Avg. of DC.Resistance                   | 5.8 $\Omega$           |
| Self-resonant Frequency (min)           | 11MHz                  |
| RoHS Compliance                         | Yes                    |
| Halogen Free                            | Yes                    |
| Soldering Method                        | Reflow                 |

### ■ External Dimensions

|   |                  |
|---|------------------|
| L | 2mm $\pm$ 0.2    |
| W | 1.25mm $\pm$ 0.2 |
| H | 1.25mm $\pm$ 0.2 |

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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.