

# Spec Sheet

Multilayer Chip Bead Power Inductors for Automotive / Industrial Applications (BK series P type)

## BKP1005HS100-TV



### ■ Features

- Item Summary  
10 $\Omega$ , 2 A, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

### ■ Products characteristics table

Impedance [100MHz]	10 $\Omega$ $\pm$ 25 %
Case Size (EIA/JIS)	0402/1005
Rated Current (max)	2 A
DC Resistance (max)	30 m $\Omega$
Z Measuring Frequency	100 MHz
Operating Temp. Range	-55 to +125 $^{\circ}$ C (Including-self-generated heat)
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (168 subst.)	Yes
Soldering	Reflow

### ■ External Dimensions

Dimension L	1.0 $\pm$ 0.05 mm
Dimension W	0.5 $\pm$ 0.05 mm
Dimension T	0.5 $\pm$ 0.05 mm
Dimension e	0.25 $\pm$ 0.10 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.