

Spec Sheet

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

CBC2518T4R7MV



■ Features

- Item Summary
4.7 μH ($\pm 20\%$), 680mA, 920mA, 1007
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping 2000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	1007/2518
Inductance	4.7 μH ($\pm 20\%$)
Inductance Measuring Frequency	7.96MHz
Rated Current -Saturation Current	680mA
Rated Current -Temperature Rise Current	920mA
DC Resistance (max)	0.26 Ω
Avg. of DC.Resistance	0.2 Ω
Temperature Range	-40°C to 105°C
Self-resonant Frequency (min)	41MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	2.5mm ± 0.2
W	1.8mm ± 0.2
H	1.8mm ± 0.2

2014.06.06

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.