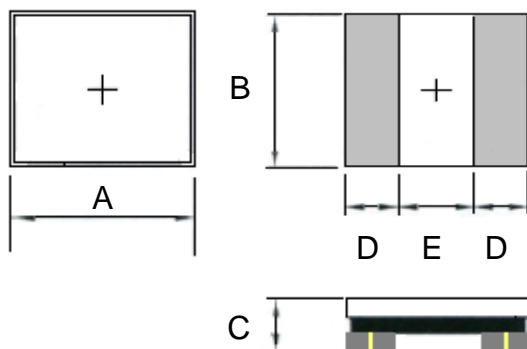


## 1. Features

1. This specification applies Low Profile Power Inductors.
2. 100% Lead(Pb) & Halogen-Free and RoHS compliant.



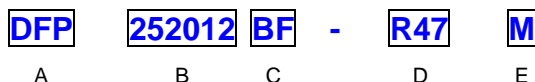
## 2. Dimension



Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
DFP252012BF	2.5 -0.1/+0.2	2.0 -0.1/+0.2	1.2Max	0.85 ref.	0.80 ref.

Units: mm

## 3. Part Numbering



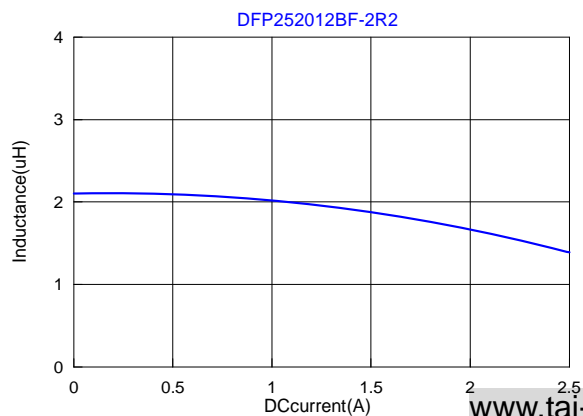
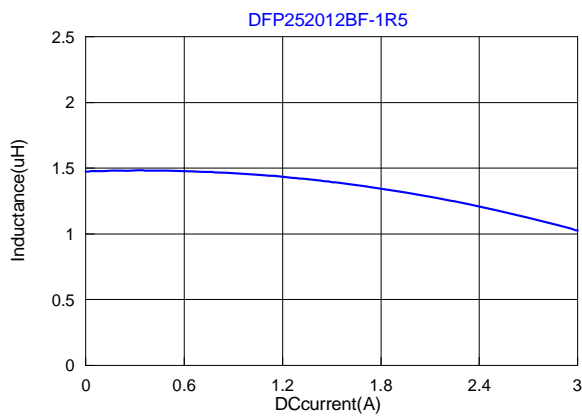
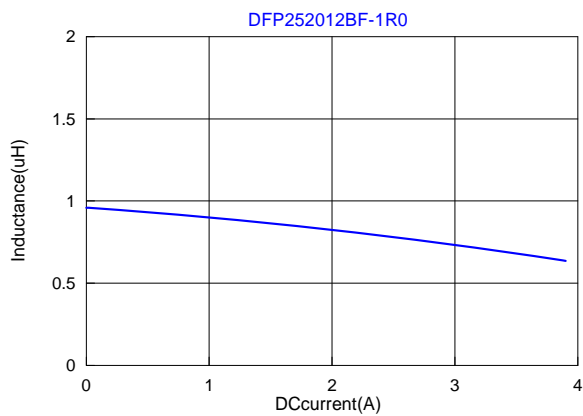
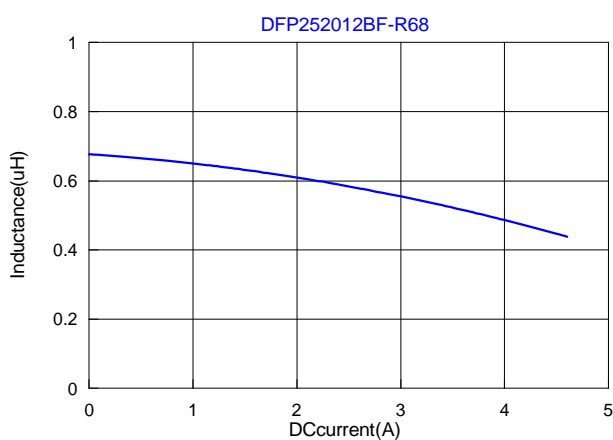
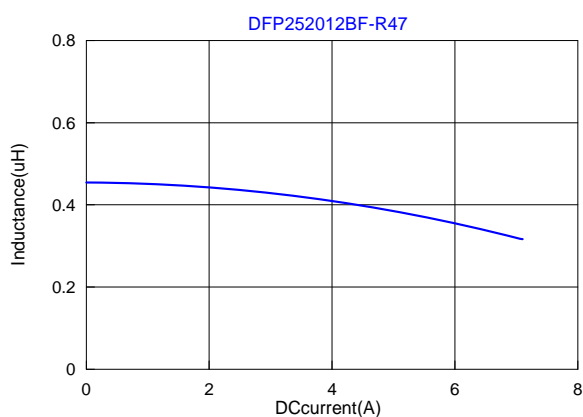
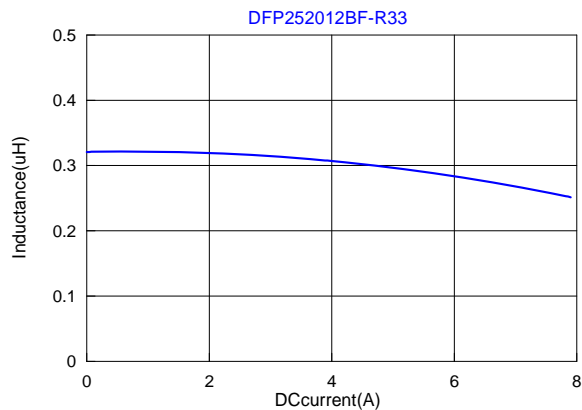
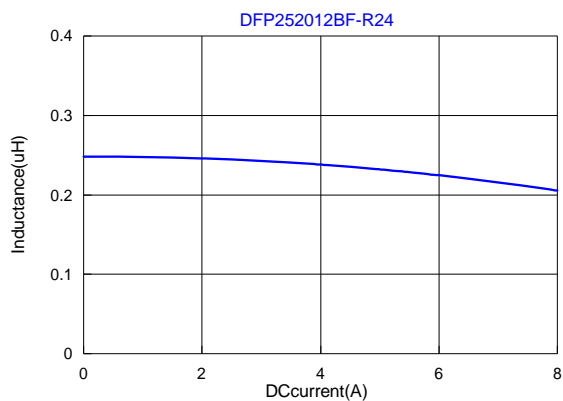
- A: Series  
 B: Dimension  
 C: Lead Free                      Material  
 D: Inductance                      R47=0.47uH  
 E: Inductance Tolerance        M=±20%

## 4. Specification

TAI-TECH Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (Ω) typ.	DCR (Ω) Max.	I sat (A) typ.	I sat (A) Max.	I rms (A) typ
DFP252012BF-R24M	0.24	±20%	0.1V/1M	0.024	0.028	8.00	6.50	4.70
DFP252012BF-R33M	0.33	±20%	0.1V/1M	0.027	0.032	5.70	4.60	4.50
DFP252012BF-R47M	0.47	±20%	0.1V/1M	0.027	0.032	5.50	4.50	4.40
DFP252012BF-R68M	0.68	±20%	0.1V/1M	0.036	0.043	4.50	3.80	3.60
DFP252012BF-1R0M	1.0	±20%	0.1V/1M	0.045	0.057	3.90	3.40	3.50
DFP252012BF-1R5M	1.5	±20%	0.1V/1M	0.080	0.096	3.00	2.60	2.50
DFP252012BF-2R2M	2.2	±20%	0.1V/1M	0.085	0.102	2.70	2.30	2.30

Note:

Isat : Based on inductance change ( $\Delta L/L0 : \leq 30\%$ ) @ ambient temp. 25°CIrms : Based on temperature rise ( $\Delta T : 40^\circ\text{C}.$ ) Max



单击下面可查看定价，库存，交付和生命周期等信息

[>>TAI-TECH\(台庆\)](#)