

Features

- AEC-Q200 Qualified
- Operating Temperature: $-55 \sim +150^{\circ}$ C
- Wide range impedance
- Monolithic inorganic material construction
- Excellent heat resistance
- Current rating up to 6A

Applications

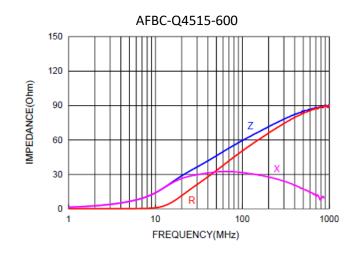
- Electronic control Units (ECUs)
- Battery Management Systems (BMS)
- Powertrain system
- DC/AC Converters
- Industrial connectivity (IIoT)

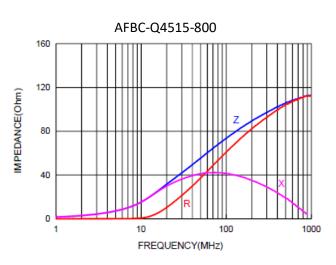
Electrical Specifications

Part Number	Impedance	DC Resistance	Rated Current
Units	$\Omega \pm 25\%$	Ω Max.	mA Max.
Symbol	Z	R _{DC}	IR
AFBC-Q4515-600	60	0.01	6000
AFBC-Q4515-800	80	0.04	3000

Test Conditions and Equipment

Impedance Test Frequency: 60mV, 100MHzI_R: Temperature Rise: $40^{\circ}C$ Max. At Rated Current $\geq 1A$. **Operating Temperature:** $-55^{\circ}C$ to $+150^{\circ}C$ (Including self-temperature rise) **Storage Temperature:** $<+40^{\circ}C$ and RH 60% (Max). **AFBC-Q4515 is RoHS Compliant and Pb free**

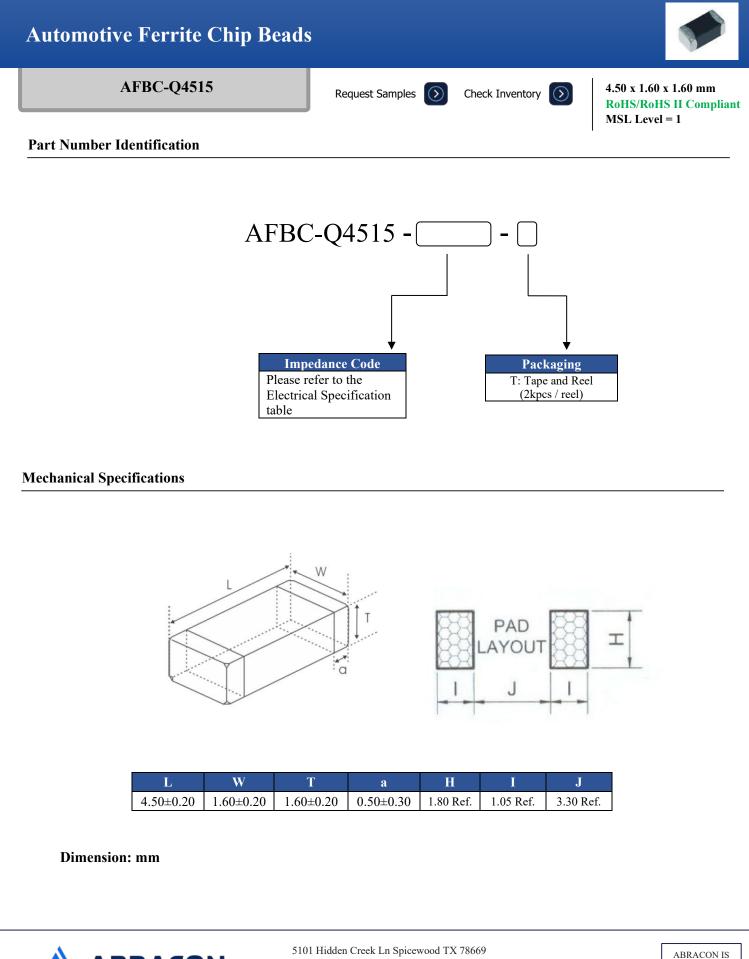






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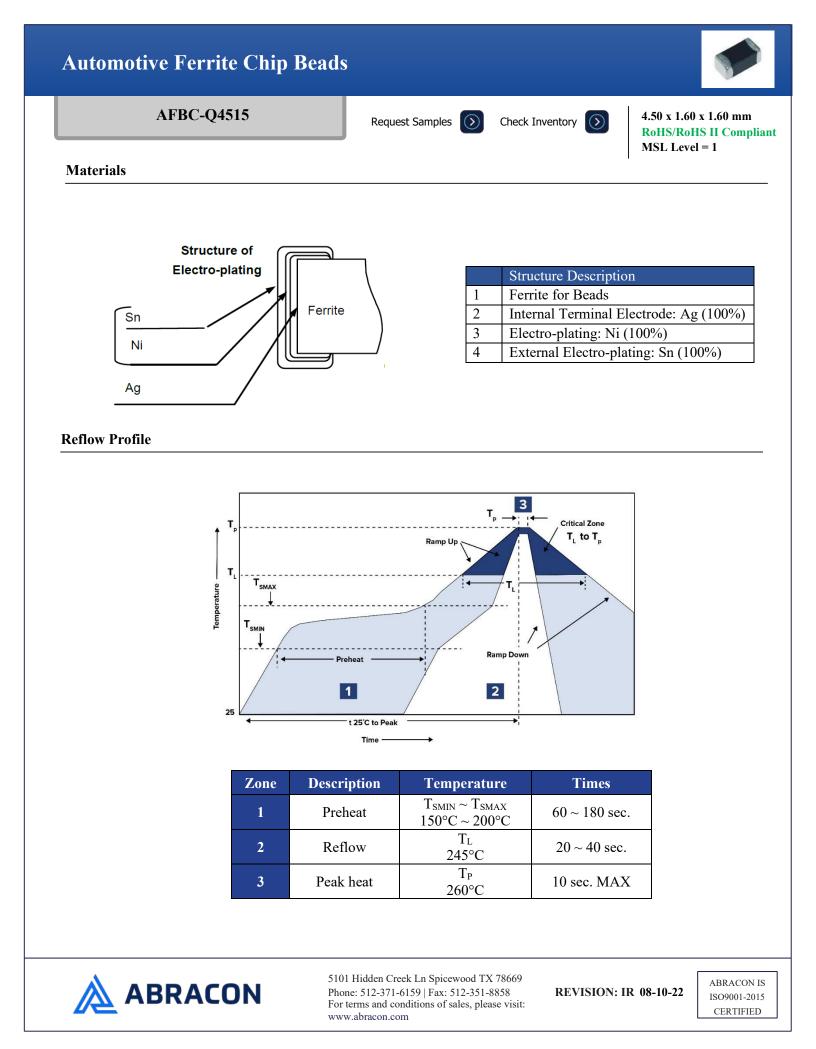


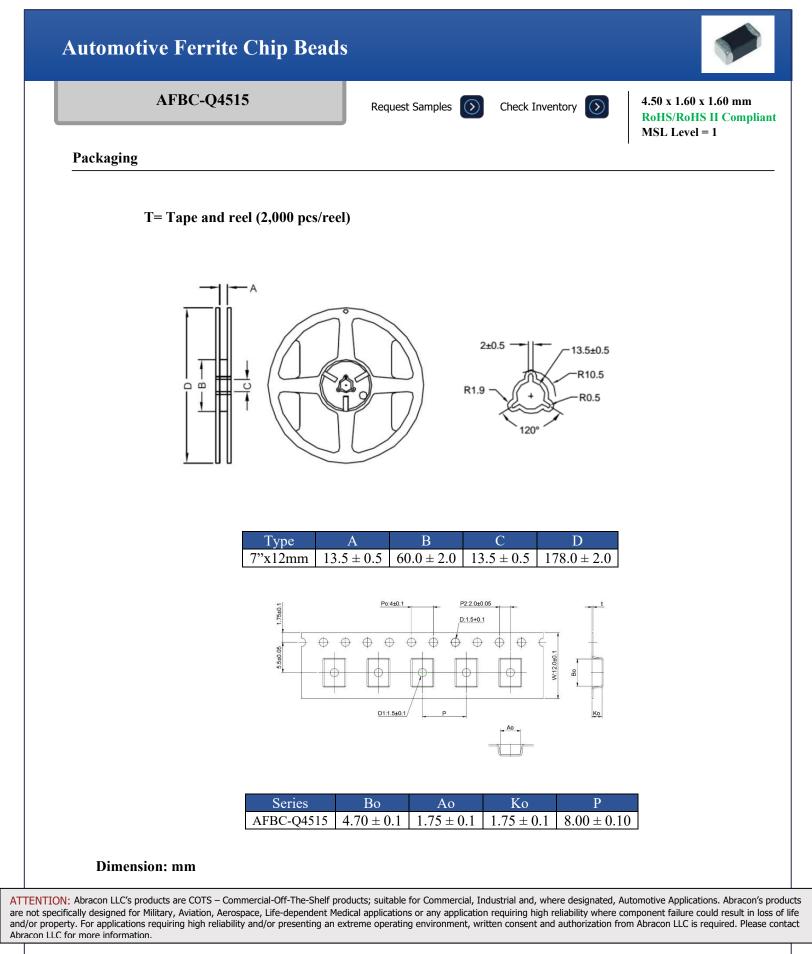
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