

Axial Leaded, Epoxy Coated, Multilayer Ceramic Capacitors

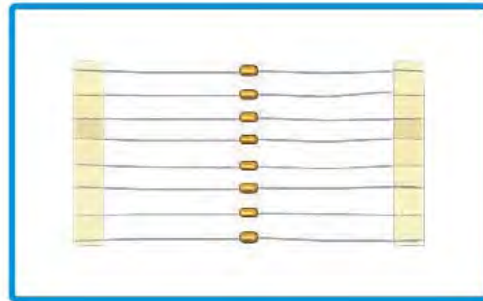


AD Series

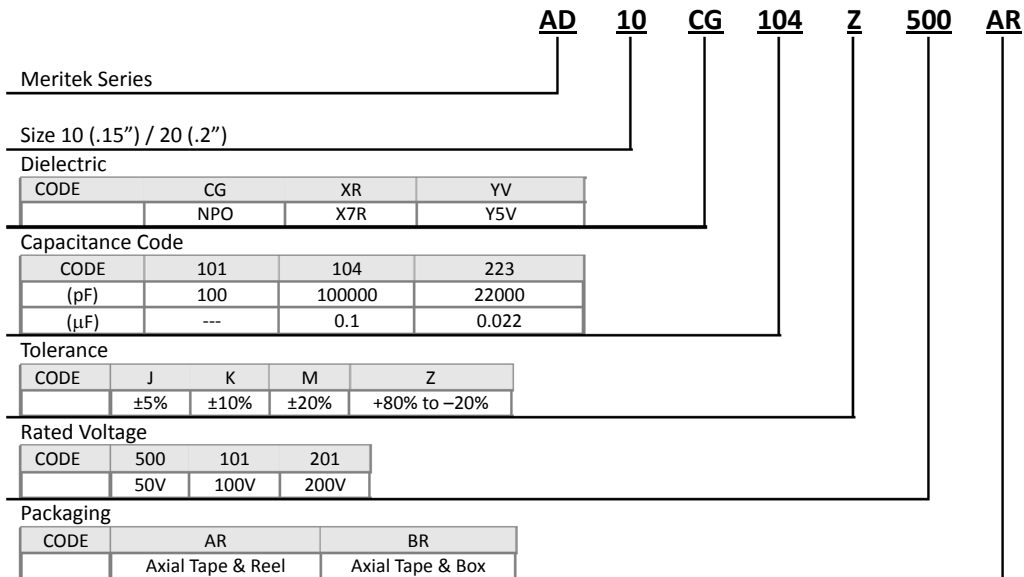
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Feature

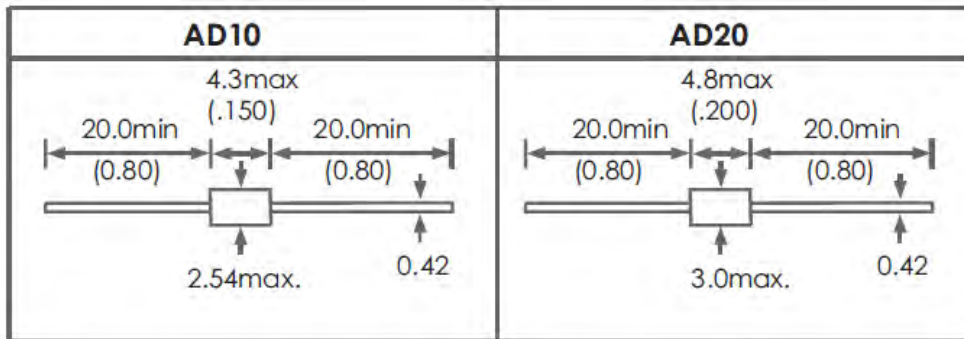
- Miniature size, wide capacitance, tape and reel available for auto-placement.
- Coating by epoxy resin, creates the excellent humidity resistance and prevents body from damaging during soldering and washing.
- Industry standard sizes and various lead spacing available.



PART NUMBERING SYSTEM



Dimension



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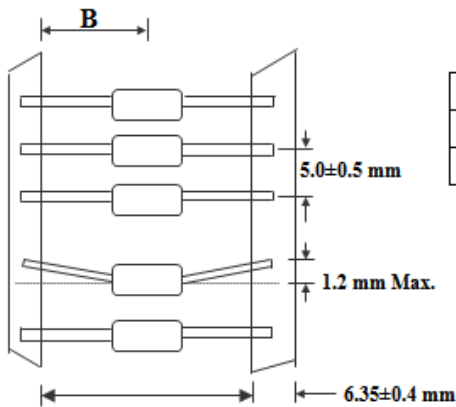
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Electrical Characteristics

	NPO	X7R	Y5V
Temperature Characteristic	0 ± 30 PPM/°C, -55°C ~ 125°C	$\Delta C \pm 15\%$, -55°C ~ 125°C	$\Delta C -80\% \sim +30\%$, -25°C ~ 85°C
Operating Temperature Range	-55°C to + 125°C	-55°C to +125°C	-25°C to +85°C
Measuring Conditions for Capacitance and D.F.	1 MHz, 1 Vrms	1 KHz, 1 Vrms	1 KHz, 0.5 Vrms
Dissipation Factor (D.F.)	0.1% Max.	2.5% Max.	3.0% Max.
Insulation Resistance	100GΩ	10GΩ	10GΩ
Dielectric Withstanding Voltage	3 X Rated Voltage	2.5 x Rated Voltage	2.5 x Rated Voltage

Package



Lead Style	A	B
Tape Width	26±1.5 mm	13±0.76 mm
Tape Width	52.4±1.5 mm	26.2±0.76 mm

