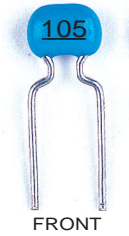




Y5V DIELECTRIC -GENERAL SPECIFICATION

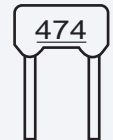
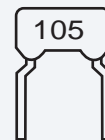
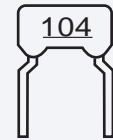
INTRODUCTION:

The Y5V has high K value, Its electrical properties vary considerably under changing temperature, voltage, and time. It's suitable for all general purpose applications where high capacitance values are required, and are ideal for room temperature applications with low DC bias.



FEATURES :

- Small size with high capacitance values
- Consistent dimension and finish surface
- Engineered for automatic handling and insertion



GENERAL SPECIFICATIONS:

Operating Temperature Range	-30°C~+85°C
Temperature Coefficient	+22%~-82%
Rated Voltage	25V,50V
Dissipation Factor($\tan \delta$)	5.0%max for $C < 220\text{nF}$ 7.0%max for $C \geq 220\text{nF}$
Testing Parameters	1KHz±50Hz, 1.0 0.2Vrms @25°C
Insulation Resistance(I.R.)@25°C	Lesser of $10\text{G}\Omega$ or $100\text{M}\Omega/\text{C}(\mu\text{F})$ Whichever is less
Voltage Proof,25°C,1-5sec	$2.5 \times \text{Rated Voltage}$
Aging Rate	-7% per Decade hour