

Surface Mount Thin Film RF/Microwave Capacitors
Accu-P Series, Specifications & 0402 Pricing



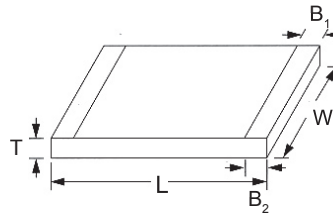
Part Number Determination

06035J0R3ABTTR							
0603	5	J	0R3	A	B	T	TR
SIZE	VOLTAGE	TEMPERATURE COEFFICIENT	CAPACITANCE	TOLERANCE	FAILURE RATE	TERMINATION	PACKAGING
0201 0402 0603 0805 1210	Z=10V Y=16V 3=25V 5=50V 1=100V	J=0±30ppm/°C K=0±60ppm/°C	2 significant digits + # of zeros 0R3=.3pF 100=10pF	P=0±0.02pF Q=0±0.03pF A=0±0.05pF B=±0.1pF C=±0.25pF D=±0.5pF F=±1% G=±2% J=±5%	A=Accu-F Technology B=Accu-P Technology	W=Nickel/Solder Coated (Sn 63, Pb 37) 0201 & 0402 (Sn90, Pb10) T=Nickel/High Temp Solder Coated (Sn 96, Ag 4) S=Nickel/Lead Free Solder Coated (Sn100)	TR=Tape and Reel



Package Dimensions (mm/in)

	0402	0603	0805
L	1.00±0.1 0.039±0.004	1.6±0.1 0.063±0.004	2.01±0.1 0.079±0.004
W	0.55±0.07 0.022±0.003	0.81±0.1 0.032±0.004	1.27±0.1 0.050±0.004
T	0.40±0.1 0.016±0.004	0.63±0.1 0.025±0.004	0.93±0.2 0.036±0.008
B1	0.00±0.1/-0 0.000±0.004/-0	0.35±0.15 0.014±0.006	0.30±0.1 0.012±0.004
B2	0.20±0.1 0.008±0.004	0.35±0.15 0.014±0.006	0.30±0.1 0.012±0.004

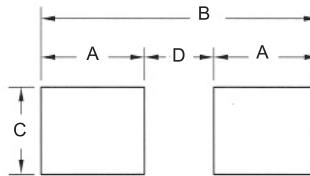


Electrical Characteristics

Capacitance Range: 0402: 0.1pF - 22pF
0603: 0.1pF - 22pF
0805: 0.1pF - 47pF
Temperature Coefficient: ±30ppm/°C, ±60ppm/°C
Operating Temperature: -55 to +125°C
Insulation Resistance (IR): ≥10¹¹Ω
Proof Voltage: 2.5U_R for 5 secs.
Aging Characteristic: Zero
Dielectric Absorption: 0.01%

Land Pattern (mm)

	A	B	C	D
0402 WAVE	0.8mm	2.1mm	0.55mm	0.5mm
0402 REFLOW	0.6mm	1.7mm	0.55mm	0.5mm
0603 WAVE	1.25mm	3.1mm	0.8mm	0.6mm
0603 REFLOW	0.85mm	2.3mm	0.8mm	0.6mm
0805 WAVE	1.5mm	4.0mm	1.25mm	1.0mm
0805 REFLOW	1.0mm	3.0mm	1.25mm	1.0mm



Construction

