

Multilayer Ceramic Capacitors



Pulse Energy SMD 200°C

R2D dielectric

High energy capacitors

Energy density exceeds that of conventional Class I COG and offers excellent short duration pulse delivery. High pulse discharge current designed and tested to operate from -55°C to +200°C

Available as single chip or stacked capacitor

Pulse Energy – Capacitance and Voltage Selection (max Values)

Volt	1825	2225	3040	3640	4040	5550	6560
1000V	46nF	63nF	200nF	220nF	250nF	390nF	610nF
1100V	39nF	54nF	180nF	210nF	240nF	350nF	560nF
1200V	35nF	48nF	170nF	200nF	220nF	330nF	520nF
1300V	28nF	39nF	160nF	190nF	200nF	310nF	470nF
1400V	26nF	37nF	150nF	190nF	200nF	290nF	450nF
1500V	23nF	33nF	140nF	180nF	190nF	270nF	410nF
1600V	19nF	27nF	120nF	150nF	170nF	250nF	390nF
1700V	15nF	20nF	96nF	120nF	150nF	220nF	350nF
1800V	12nF	17nF	79nF	100nF	130nF	200nF	320nF
1900V	•	13nF	65nF	85nF	100nF	170nF	250nF
2000V	•	11nF	56nF	72nF	90nF	14nF	220nF
2500V	•	•	30nF	40nF	50nF	83nF	130nF
3000V	•	•	11nF	14nF	17nF	28nF	43nF

How to Order

KNOWLES (NOVACAP)

Beispiel: 3040R144K152PHT

3040 R 144 K 152 P H T

3040 R = R2D 144 = 140nF J = 5% 152 = 1500V P = PdAg Reel
 3640 K = 10% 202 = 2000V
 4040
 5550



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