

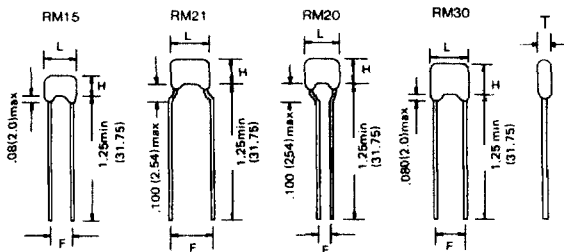
Multilayer Ceramic Capacitors - RM Series

Part Number Construction

RM20 **Z** **104** **M** **500** **TR**
 Size¹ T.C.² Capacity³ Tolerance⁴ WVDC⁵ Packaging⁶

1. **Size:** 15, 20, 21, 30
2. **Temperature Coefficient:** N=NPO; X=X7R, Z=Z5U
3. **Capacity:** The first two digits are significant, the last digit indicates the number of zeros.
4. **Tolerance:** C=25pF; D=.5pF; F=1%; G=2%; J=5%; K=10%; M=20%; Z=+80%/-20%
5. **Voltage:** The first two digits are significant, the last digit indicates the number of zeros.
6. **Packaging:** Omit for bulk pack; TR=Tape and reel

LEAD CONFIGURATION



Alternate lead styles available.

SIZE CODE & DIMENSIONS: units in inches (mm)					
SIZE CODE	WIDTH L max	HEIGHT H max	THICKNESS T max	LEAD SPACING F max	LEAD DIA. d max
RM15	.150 (3.81)	.150 (3.81)	.125 (3.18)	.1 ± .04 (2.54 ± 1.0)	.020 (.050)
RM20	.200 (5.08)	.200 (5.08)	.125 (3.18)	.1 ± .04 (2.54 ± 1.0)	.020 (.050)
RM21	.200 (5.08)	.200 (5.08)	.125 (3.18)	.2 ± .04 (5.08 ± 1.0)	.020 (.050)
RM30	.300 (7.62)	.300 (7.62)	.150 (3.81)	.2 ± .04 (5.08 ± 1.0)	.020 (.050)

Other Capacitances,
Voltages, and
Tolerances available
upon request.



Standard Capacitance Values

CLASS 1 (TEMP. COMPENSATION) 1% TOLERANCE						
WVDC	min	max	min	max	min	max
50V	10	1500	1800	6800	N/A	N/A
100V	10	680	820	4700	N/A	N/A

CLASS 2 (HIGH DIELECTRIC CONSTANT) X7R TOLERANCE K/M						
WVDC	min	max	min	max	min	max
50V	470	.033μF	.039μF	.18μF	.22μF	.68μF
100V	470	8200	.01μF	.082μF	.1μF	.33μF

CLASS 3 (HIGH DIELECTRIC CONSTANT) Z5U TOLERANCE M/Z						
WVDC	min	max	min	max	min	max
50V	.01μF	.082μF	.1μF	.39μF	.47μF	1μF
100V	.01μF	.082μF	.1μF	.39μF	.47μF	1μF