

High Temperature (+200°C), High Voltage Radial Ceramic Cased Capacitors (C³)

VCR/VRR Series

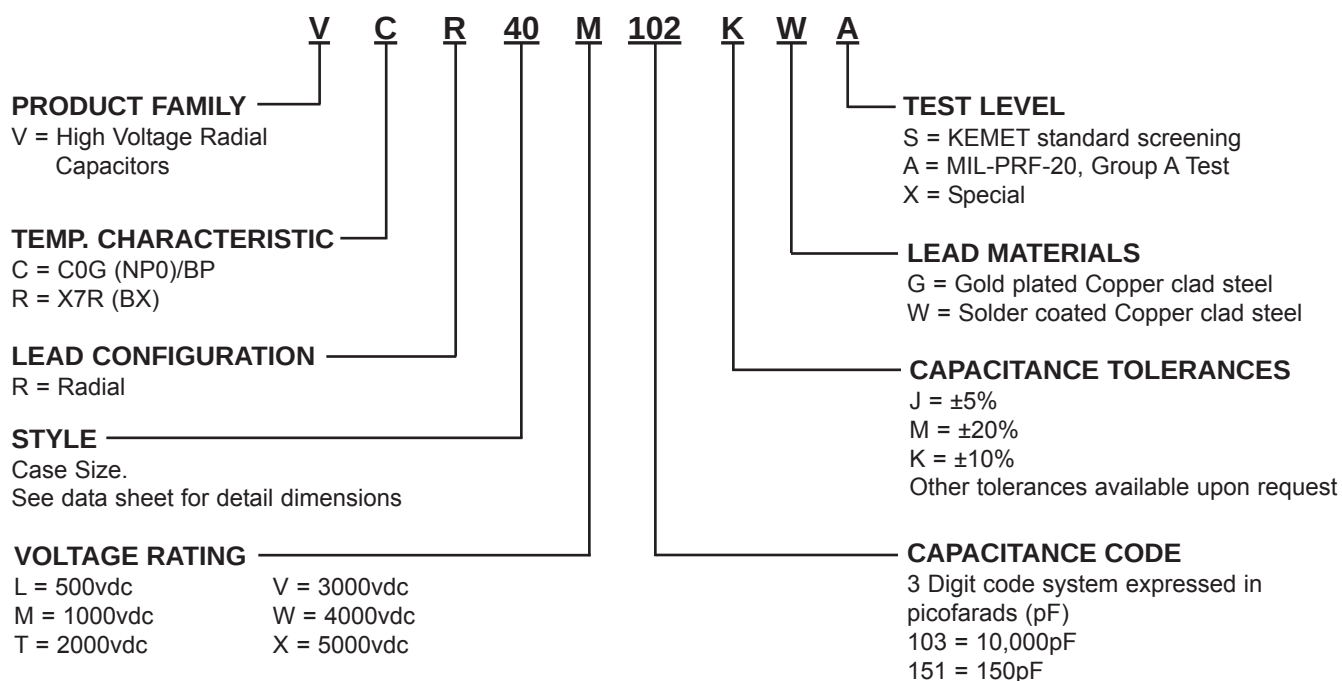
Ceramic cased capacitors, with a new, unique design concept which eliminates potential problems associated with conventional epoxy cased epoxy potted capacitors.

Major application is high voltage power supplies. High voltage capacitors are also utilized on high voltage meter multiplier and RF circuits.

INSTALLATION:

Parts should be soldered using a heat sink between the soldering point and the part using a soldering iron rated 18-30 watts. Remove all traces of flux or other contamination resulting from the soldering operation. An intermittent conducting path between the leads, at high voltage, could cause breakdown. Soldering temperature should not exceed +300°C.

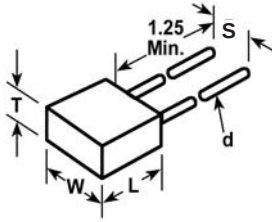
PART NUMBER AND ORDERING INFORMATION



MARKING	EXAMPLE
Manufacturer's ID	KEC
Capacitance	106J
Voltage	500V
Date Code	123

RADIAL

All Dimensions
in Inches (mm)

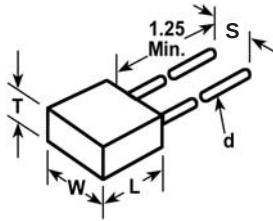


C0G DIELECTRIC

STYLE		07			40					50						60						70						80					
L _{MAX}		.300 (7.62)			.350 (8.89)					.450 (11.43)						.550 (13.97)						.650 (16.51)						.750 (19.05)					
W _{MAX}		.300 (7.62)			.400 (10.16)					.500 (12.70)						.600 (15.24)						.700 (17.78)						.800 (20.32)					
T _{MAX}		.150 (3.81)			.275 (6.98)					.300 (7.62)						.375 (9.52)						.375 (9.52)						.375 (9.52)					
S		.200 ± .015 (5.08 ± .38)			.300 ± .015 (7.62 ± .38)					.400 ± .015 (10.16 ± .38)						.500 ± .015 (12.70 ± .38)						.600 ± .015 (15.24 ± .38)						.600 ± .015 (15.24 ± .38)					
d		.025 ± .002 (.635 ± .051)			.032 ± .004 (.813 ± .102)					.032 ± .004 (.813 ± .102)						.032 ± .004 (.813 ± .102)						.032 ± .004 (.813 ± .102)						.032 ± .004 (.813 ± .102)					
Cap	Cap Code	WVDC			WVDC					WVDC						WVDC						WVDC						WVDC					
		500	1k	2k	500	1k	2k	3k	4k	500	1k	2k	3k	4k	5k	500	1k	2k	3k	4k	5k	500	1k	2k	3k	4k	5k	500	1k	2k	3k	4k	5k
10 pF	100																																
12	120																																
15	150																																
18	180																																
22	220																																
27	270																																
33	330																																
39	390																																
47	470																																
56	560																																
68	680																																
82	820																																
100	101																																
120	121																																
150	151																																
180	181																																
220	221																																
270	271																																
330	331																																
390	391																																
470	471																																
560	561																																
680	681																																
820	821																																
1000	102																																
1200	122																																
1500	152																																
1800	182																																
2200	222																																
2700	272																																
3300	332																																
3900	392																																
4700	472																																
5600	562																																
6800	682																																
8200	822																																
0.01 μF	103																																
0.012	123																																
0.015	153																																
0.018	183																																
0.022	223																																
0.027	273																																
0.033	333																																
0.039	393																																
0.047	473																																
0.056	563																																

VRR Series

All Dimensions
in Inches (mm)

[illegible]

Mouser Electronics

Authorized Distributor

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Kemet:

[VRR40V103KWA](#)

KEMET:

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[VRR07T102KGA](#) [VCR07L102MGA](#) [VCR40V102KGS](#) [VCR40V251KGS](#) [VRR07L102KGS](#) [VRR07L103MGS](#)
[VRR70L224KGS](#)