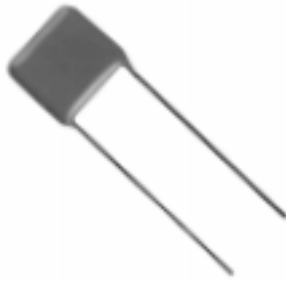


Type M60 Y5U Multilayer Ceramic Capacitors

Radial Leaded Noise Suppressor



The Type M60 conformally coated radial leaded multilayer ceramic capacitor is constructed with a general purpose Y5U material that has a maximum operating temperature from -55 °C to +125 °C. It is excellent for noise suppression in automotive applications.

Highlights

- Conformally coated, radial leaded
- Ultra high insulation resistance
- Ultra High withstand voltage
- Excellent for noise suppression
- Great for automotive ignition noise suppression

Specifications

RoHS Compliant

Capacitance Range:	0.1 µF to 100 µF
Voltage Range:	25, 50, 100, 250 WVdc
Capacitance Tolerance:	±20%
Temperature Coefficient:	Y5U
Maximum Operating Temperature:	-55 °C to +125 °C
Dissipation Factor:	2.5%
Insulation Resistance:	≥1000 Ω x µF or 10,000 MΩ whichever is less
Withstand Voltage:	250% of rated voltage is applied for 1 to 5 sec.
Available in Tape and Ammo Pack Configuration:	Add 'TA' to end of catalog part number
Maximum Ripple Current:	

Length	.200	.248	.295	.394	.531	.886	1.12
Arms	0.3	0.8	1.0	1.5	2.0	3.0	4.0

Ratings

Catalog Part Number	Cap µF	Vdc	Temp. Coeff.	Size (Inches)				
				L	H	T	S	d
M60UR68M25-F	.68	25	Y5U	.200	.177	.138	.197	.020
M60U1M25-F	1.0	25	Y5U	.200	.177	.138	.197	.020
M60U1R5M25-F	1.5	25	Y5U	.248	.197	.157	.197	.020
M60U2R2M25-F	2.2	25	Y5U	.248	.197	.157	.197	.020
M60U3R3M25-F	3.3	25	Y5U	.295	.295	.157	.197	.020
M60U4R7M25-F	4.7	25	Y5U	.295	.295	.157	.197	.020
M60U6R8M25-F	6.8	25	Y5U	.394	.394	.197	.197	.020
M60U10M25-F	10	25	Y5U	.394	.394	.197	.197	.020
M60U15M25-F	15	25	Y5U	.531	.531	.216	.394	.024
M60U22M25-F	22	25	Y5U	.531	.531	.216	.394	.024
M60U33M25-F	33	25	Y5U	.866	.689	.335	.787	.031
M60U47M25-F	47	25	Y5U	.866	.689	.335	.787	.031
M60U68M25-F	68	25	Y5U	1.120	.689	.335	.984	.031
M60U100M25-F	100	25	Y5U	1.120	.689	.335	.984	.031
M60UR10M50-F	.10	50	Y5U	.200	.177	.138	.197	.020
M60UR47M50-F	.47	50	Y5U	.200	.177	.138	.197	.050
M60UR68M50-F	.68	50	Y5U	.248	.197	.157	.197	.020
M60U1M50-F	1.0	50	Y5U	.248	.197	.157	.197	.020
M60U1R5M50-F	1.5	50	Y5U	.295	.295	.157	.197	.020
M60U3R3M50-F	3.3	50	Y5U	.295	.295	.157	.197	.020
M60U4R7M50-F	4.7	50	Y5U	.394	.394	.197	.197	.020
M60U6R8M50-F	6.8	50	Y5U	.394	.394	.197	.197	.020
M60U10M50-F	10	50	Y5U	.531	.531	.216	.394	.024
M60U15M50-F	15	50	Y5U	.531	.531	.216	.394	.024
M60U22M50-F	22	50	Y5U	.866	.689	.335	.787	.031
M60U33M50-F	33	50	Y5U	.866	.689	.335	.787	.031
M60U47M50-F	47	50	Y5U	1.120	.689	.335	.984	.031
M60U68M50-F	68	50	Y5U	1.120	.689	.335	.984	.031

Catalog Part Number	Cap µF	Vdc	Temp. Coeff.	Size (Inches)				
				L	H	T	S	d
M60UR10M100-F	.10	100	Y5U	.200	.177	.138	.197	.020
M60UR15M100-F	.15	100	Y5U	.200	.177	.138	.197	.020
M60UR22M100-F	.22	100	Y5U	.200	.177	.138	.197	.020
M60UR33M100-F	.33	100	Y5U	.248	.197	.157	.197	.020
M60UR47M100-F	.47	100	Y5U	.248	.197	.157	.197	.020
M60UR68M100-F	.68	100	Y5U	.295	.295	.157	.197	.020
M60U1M100-F	1.0	100	Y5U	.295	.295	.157	.197	.020
M60U1R5M100-F	1.5	100	Y5U	.295	.295	.157	.197	.020
M60U2R2M100-F	2.2	100	Y5U	.394	.394	.197	.197	.020
M60U3R3M100-F	3.3	100	Y5U	.394	.394	.197	.197	.020
M60U4R7M100-F	4.7	100	Y5U	.531	.531	.216	.394	.024
M60U6R8M100-F	6.8	100	Y5U	.531	.531	.216	.394	.024
M60U10M100-F	10	100	Y5U	.866	.689	.335	.787	.031
M60U15M100-F	15	100	Y5U	.866	.689	.335	.787	.031
M60U22M100-F	22	100	Y5U	1.120	.689	.335	.984	.031
M60U33M100-F	33	100	Y5U	1.120	.689	.335	.984	.031
M60UR10M250-F	.10	250	Y5U	.248	.197	.157	.197	.020
M60UR15M250-F	.15	250	Y5U	.248	.197	.157	.197	.020
M60UR22M250-F	.22	250	Y5U	.295	.295	.157	.197	.020
M60UR33M250-F	.33	250	Y5U	.295	.295	.157	.197	.020
M60UR47M250-F	.47	250	Y5U	.394	.394	.197	.197	.020
M60UR68M250-F	.68	250	Y5U	.394	.394	.197	.197	.020
M60U1M250-F	1.0	250	Y5U	.531	.531	.216	.394	.024
M60U1R5M250-F	1.5	250	Y5U	.531	.531	.216	.394	.024
M60U2R2M250-F	2.2	250	Y5U	.866	.689	.335	.787	.031
M60U3R3M250-F	3.3	250	Y5U	.866	.689	.335	.787	.031
M60U4R7M250-F	4.7	250	Y5U	1.120	.689	.335	.984	.031
M60U6R8M250-F	6.8	250	Y5U	1.120	.689	.335	.984	.031

'TA' Ammo Pack, Full Boxes Only Not available in larger sizes	Length	Qty Per Box
	.200	2,000
	.248	2,000
	.394	1,500

Type M60 Y5U Multilayer Ceramic Capacitors

Notice and Disclaimer: All product drawings, descriptions, specifications, statements, information and data (collectively, the "Information") in this datasheet or other publication are subject to change. The customer is responsible for checking, confirming and verifying the extent to which the Information contained in this datasheet or other publication is applicable to an order at the time the order is placed. All Information given herein is believed to be accurate and reliable, but it is presented without any guarantee, warranty, representation or responsibility of any kind, expressed or implied. Statements of suitability for certain applications are based on the knowledge that the Cornell Dubilier company providing such statements ("Cornell Dubilier") has of operating conditions that such Cornell Dubilier company regards as typical for such applications, but are not intended to constitute any guarantee, warranty or representation regarding any such matter – and Cornell Dubilier specifically and expressly disclaims any guarantee, warranty or representation concerning the suitability for a specific customer application, use, storage, transportation, or operating environment. The Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by Cornell Dubilier with reference to the use of any Cornell Dubilier products is given gratis (unless otherwise specified by Cornell Dubilier), and Cornell Dubilier assumes no obligation or liability for the advice given or results obtained. Although Cornell Dubilier strives to apply the most stringent quality and safety standards regarding the design and manufacturing of its products, in light of the current state of the art, isolated component failures may still occur. Accordingly, customer applications which require a high degree of reliability or safety should employ suitable designs or other safeguards (such as installation of protective circuitry or redundancies or other appropriate protective measures) in order to ensure that the failure of an electrical component does not result in a risk of personal injury or property damage. Although all product-related warnings, cautions and notes must be observed, the customer should not assume that all safety measures are indicated in such warnings, cautions and notes, or that other safety measures may not be required.

OBSOLETE

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Cornell Dubilier](#) manufacturer:

Other Similar products are found below :

[474K400CS6](#) [107RZS016M](#) [CK06BX563K](#) [TDC226K035WSG-F](#) [CK05BX151K](#) [CK05BX472K](#) [TDC106K010NSF-F](#) [CK06BX223K](#)
[CK06BX332K](#) [106MABA02KJS](#) [CK05BX182K](#) [CK05BX181K](#) [CK05BX101K](#) [205QPC250KA3A1LL](#) [255QPC250KA3A1L](#) [CK05BX560K](#)
[CK05BX222K](#) [CK05BX270K](#) [CK05BX271K](#) [RJD2450ST1](#) [RJD3032](#) [RJD2430C1](#) [C0805C102K5RAC](#) [CK05BX822K](#) [ESRD100M06R](#)
[CK05BX104K](#) [EDLSG105V5R5C](#) [5AE-2000](#) [M39018/04-2181M](#) [M39018/06-0158M](#) [715P15456MA3](#) [EWF05047](#) [EWF1A147](#)
[MLP562M063EB0C](#) [MLS221M250EK0C](#) [MMW05W5-5.0MFD](#) [GM303M](#) [PSU4330](#) [PSU46030](#) [PVC16268](#) [PVC1628](#) [PVC2168](#) [124-](#)
[138MFD](#) [DCMX262T400BF2B](#) [AFK686M63G24T-F](#) [MR10KT](#) [150472K630AA](#) [155PHC600K](#) [160104J160C](#) [MTC52L4](#)