

## LW Reversed Low ESL Chip Multilayer Ceramic Capacitors for Consumer Electronics & Industrial Equipment

This low ESL capacitor is ideal for power supply decoupling of high-speed operation electronic equipment.

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## Specific Applications

For the detail of specific applications, please refer to the following links or specification sheets.

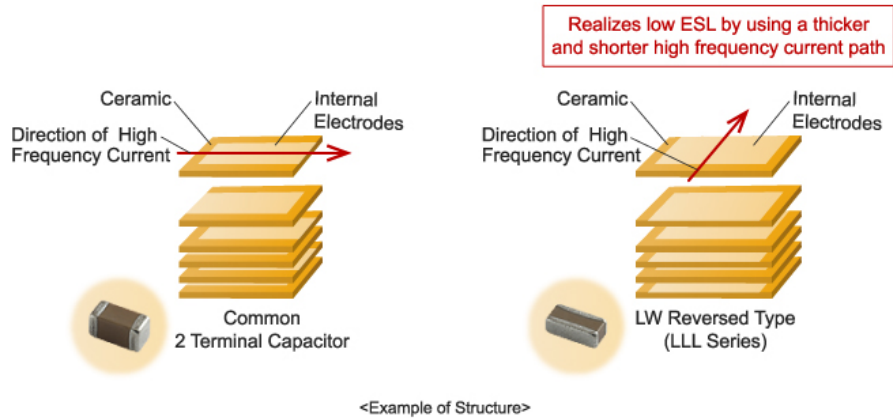
- > [Specific Applications Details](#)
- > [Precautions for use](#)

Consumer equipment	Industrial equipment	Automotive infotainment/comfort equipment	Automotive powertrain/safety equipment	Medical equipment [GHTF A/B/C] except for implant equipment	Implanted medical equipment medical equipment [GHTF D]
✓	✓	✓		✓	

## Features

### 1. Low ESL

Since the equivalent series inductance (ESL) is low and excellent in high frequency characteristics, this capacitor is suitable for power supply decoupling of high-speed operation electronic equipment.

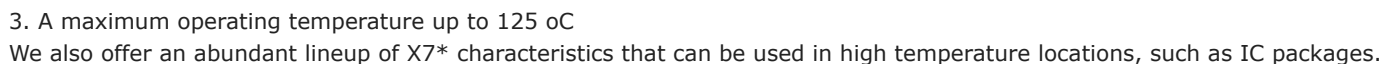


### 2. Contributes to a reduction in the number of components.

The number of components can be reduced by using low ESL capacitors, while maintaining functions equivalent to Common 2 terminal Capacitor.

Murata proposes the use of the LLL series to reduce the number of components and high costs. Simulation is also possible.

[Proposal for Cost Reductions >](#)



Size (mm)	0.3x0.6mm - 0.6x1.0mm
Rated Voltage	2.5Vdc - 25Vdc
Capacitance	22000pF - 4.3μF
Main applications	Application processor/CPU/GPU

[Go to the part number list](#)
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You can see the search result of the item you click on the capacitance chart.

Available Under development

Use narrowed products' rows 

Maximum operating temperature	LxW	Rated Voltage	Capacitance														Capacitance range	
			pF							μF								
			0.1	1	10	100	1000	0.01	0.1	1	10	100	1000					
85°C	0.3x0.6mm	25Vdc								■	■							22000pF - 33000pF
	0.5x1.0mm	4Vdc										■						0.47μF
	0.6x1.0mm	4Vdc											■					4.3μF
105°C	0.5x1.0mm	4Vdc										■	■					0.47μF - 1.0μF
	0.6x1.0mm	2.5Vdc												■				4.3μF
125°C	0.5x1.0mm	6.3Vdc											■					1.0μF
		4Vdc											■	■				0.47μF - 1.0μF
		2.5Vdc												■	■			0.47μF - 1.0μF

- > High Temperature Film Capacitor for Automotive

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