

PANASONIC Film Capacitors

RoHS Compliant This product is RoHS compliant.



STACKED METALLIZED PPS FILM CHIP CAPACITORS

ECH-U(C) SERIES

Features:

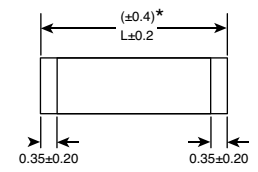
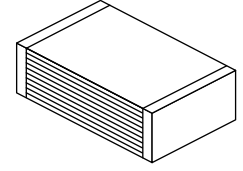
- Small in size
- Low loss and excellent frequency characteristics
- For reflow soldering
- RoHS directive compliant

Recommended Applications:

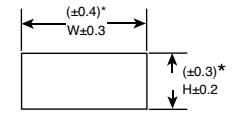
- Time-constant
- Filtering
- Oscillation and resonance
- Resonance circuit for LCD backlight inverter unit

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Panasonic Part Number	Value (µF)	Tolerance	Dimensions: mm			Size Code	Price Each			
				L	W	H		1	50	100	500
667-ECH-U1223GC9	ECH-U1223GC9	0.022	±2%	4.8	3.3	2.4	E3a				
667-ECH-U1473GC9	ECH-U1473GC9	0.047	±2%	6	4.1	2.4	D3				
667-ECH-U1103GC9	ECH-U1103GC9	0.01	±2%	4.8	3.3	1.4	E1				
667-ECH-U1183GC9	ECH-U1183GC9	0.018	±2%	4.8	3.3	2	E2				
667-ECH-U1154GCV	ECH-U1154GCV	0.15	±2%	7.1	6.3	3.4	Y				
667-ECH-U1823GC9	ECH-U1823GC9	0.082	±2%	7.1	5	2.8	Z				
667-ECH-U1683GC9	ECH-U1683GC9	0.068	±2%	6	4.1	3.2	D5				
667-ECH-U1123GC9	ECH-U1123GC9	0.012	±2%	4.8	3.3	1.4	E1				
667-ECH-U1153GC9	ECH-U1153GC9	0.015	±2%	4.8	3.3	2	E2				
667-ECH-U1273GC9	ECH-U1273GC9	0.027	±2%	4.8	3.3	2.8	E3				
667-ECH-U1333GC9	ECH-U1333GC9	0.033	±2%	6	4.1	1.8	D1				
667-ECH-U1563GC9	ECH-U1563GC9	0.056	±2%	6	4.1	2.8	D4				
667-ECH-U1104GC9	ECH-U1104GC9	0.1	±2%	7.1	5	3	Z				
667-ECH-U1124GC9	ECH-U1124GC9	0.12	±2%	7.1	5	3.4	Z				
667-ECH-U1184GCV	ECH-U1184GCV	0.18	±2%	7.1	6.3	4	Y				
667-ECH-U1224GCV	ECH-U1224GCV	0.22	±2%	7.1	6.3	4.8	Y				
667-ECH-U1124JC9	ECH-U1124JC9	0.12	±5%	7.1	5	3.4	Z				
667-ECH-U1823JC9	ECH-U1823JC9	0.082	±5%	7.1	5	2.8	Z				
667-ECH-U1223JC9	ECH-U1223JC9	0.022	±5%	4.8	3.3	2.4	E3a				
667-ECH-U1273JC9	ECH-U1273JC9	0.027	±5%	4.8	3.3	2.8	E3				
667-ECH-U1103JC9	ECH-U1103JC9	0.01	±5%	4.8	3.3	1.4	E1				
667-ECH-U1153JC9	ECH-U1153JC9	0.015	±5%	4.8	3.3	2	E2				
667-ECH-U1333JC9	ECH-U1333JC9	0.033	±5%	6	4.1	1.8	D1				
667-ECH-U1473JC9	ECH-U1473JC9	0.047	±5%	6	4.1	2.4	D3				
667-ECH-U1683JC9	ECH-U1683JC9	0.068	±5%	6	4.1	3.2	D5				
667-ECH-U1123JC9	ECH-U1123JC9	0.012	±5%	4.8	3.3	1.4	E1				
667-ECH-U1183JC9	ECH-U1183JC9	0.018	±5%	4.8	3.3	2	E2				
667-ECH-U1563JC9	ECH-U1563JC9	0.056	±5%	6	4.1	2.8	D4				
667-ECH-U1104JC9	ECH-U1104JC9	0.1	±5%	7.1	5	3	Z				
667-ECH-U1154JCV	ECH-U1154JCV	0.15	±5%	7.1	6.3	3.4	Y				
667-ECH-U1184JCV	ECH-U1184JCV	0.18	±5%	7.1	6.3	4	Y				
667-ECH-U1224JCV	ECH-U1224JCV	0.22	±5%	7.1	6.3	4.8	Y				



* To be applied only for size Z&Y



ECH-U(X) SERIES

Features:

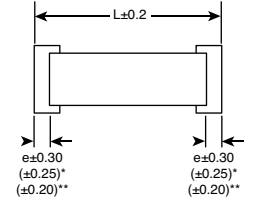
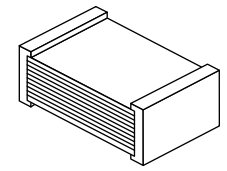
- Small in size (minimum size 1.6mm x 0.8mm)
- 85°C, 85% RH, W.V. X 1.0 for 500 hours
- For reflow soldering
- RoHS directive compliant

Recommended Applications:

- Time-constant
- Filtering
- Oscillation and resonance

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Panasonic Part Number	Value (µF)	Voltage (VDC)	Tolerance	Dimensions: mm			Size Code	Price Each			
					L	W	H		1	50	100	500
667-ECH-U1C332GX5	ECH-U1C332GX5	0.003	16	2%	2	1.25	0.9	J1				
667-ECH-U1C392GX5	ECH-U1C392GX5	0.004	16	2%	2	1.25	0.9	J1				
667-ECH-U1C682GX5	ECH-U1C682GX5	0.007	16	2%	2	1.25	0.9	J1				
667-ECH-U1C822GX5	ECH-U1C822GX5	0.008	16	2%	2	1.25	1.1	J2				
667-ECH-U1C123GX5	ECH-U1C123GX5	0.012	16	2%	3.2	1.6	0.9	H1				
667-ECH-U1C183GX5	ECH-U1C183GX5	0.018	16	2%	3.2	1.6	0.9	H1				
667-ECH-U1C333GX5	ECH-U1C333GX5	0.033	16	2%	3.2	1.6	1.1	H2				
667-ECH-U1C393GX5	ECH-U1C393GX5	0.039	16	2%	3.2	1.6	1.5	H3				
667-ECH-U1H392GX5	ECH-U1H392GX5	0.004	50	2%	3.2	1.6	0.9	H1				
667-ECH-U1H183GX5	ECH-U1H183GX5	0.018	50	2%	3.2	2.5	1.5	G2				
667-ECH-U1H223GX5	ECH-U1H223GX5	0.022	50	2%	3.2	2.5	1.5	G2				
667-ECH-U1H273GX5	ECH-U1H273GX5	0.027	50	2%	3.2	2.5	1.5	G2				
667-ECH-U1H473GX9	ECH-U1H473GX9	0.047	50	2%	4.8	3.3	1.5	E1				
667-ECH-U1H563GX9	ECH-U1H563GX9	0.056	50	2%	4.8	3.3	1.5	E1				
667-ECH-U1H683GX9	ECH-U1H683GX9	0.068	50	2%	4.8	3.3	1.5	E1				
667-ECH-U1H823GX9	ECH-U1H823GX9	0.082	50	2%	4.8	3.3	2.1	E2				
667-ECH-U1H104GX9	ECH-U1H104GX9	0.1	50	2%	4.8	3.3	2.1	E2				
667-ECH-U1H154GX9	ECH-U1H154GX9	0.15	50	2%	6	4.1	1.9	D1				
667-ECH-U1H184GX9	ECH-U1H184GX9	0.18	50	2%	6	4.1	2.5	D3				
667-ECH-U1C332JX5	ECH-U1C332JX5	0.003	16	5%	2	1.25	0.9	J1				
667-ECH-U1C392JX5	ECH-U1C392JX5	0.004	16	5%	2	1.25	0.9	J1				
667-ECH-U1C472JX5	ECH-U1C472JX5	0.005	16	5%	2	1.25	0.9	J1				
667-ECH-U1C682JX5	ECH-U1C682JX5	0.007	16	5%	2	1.25	0.9	J1				
667-ECH-U1C103JX5	ECH-U1C103JX5	0.01	16	5%	2	1.25	1.1	J2				
667-ECH-U1C183JX5	ECH-U1C183JX5	0.018	16	5%	3.2	1.6	0.9	H1				
667-ECH-U1C273JX5	ECH-U1C273JX5	0.027	16	5%	3.2	1.6	1.1	H2				
667-ECH-U1C393JX5	ECH-U1C393JX5	0.039	16	5%	3.2	1.6	1.5	H3				
667-ECH-U1H103JX5	ECH-U1H103JX5	0.01	50	5%	3.2	1.6	1.1	H2				
667-ECH-U1H123JX5	ECH-U1H123JX5	0.012	50	5%	3.2	2.5	1.1	G1				
667-ECH-U1H183JX5	ECH-U1H183JX5	0.018	50	5%	3.2	2.5	1.5	G2				
667-ECH-U1H333JX5	ECH-U1H333JX5	0.033	50	5%	3.2	2.5	2.1	G3				
667-ECH-U1H473JX9	ECH-U1H473JX9	0.047	50	5%	4.8	3.3	1.5	E1				
667-ECH-U1H184JX9	ECH-U1H184JX9	0.18	50	5%	6	4.1	2.5	D3				



* To be applied only for size code J1 & J2
 ** To be applied only for size code K1
 *** To be applied only for size code E1, E2, D1, D3, D4

