

PL Series - Low Impedance

PL Extremely Low Impedance,
High Reliability



- Low Impedance, High Reliability
- Suited for use in switching power supplies
- Operating Temperature Range: -55° to +105°C
- Capacitance Tolerance: ±20%

Mfr's Type	μF	Voltage	Dimensions D' L (mm)	Each
UPL1A221MEH	220	10	6.5' 15	.36
UPL1A471MPH6*	470	10	10' 12.5	.53
UPL1A392MHH	3900	10	12.5' 40	1.74
UPL1C221MPH	220	16	8' 11.5	.49
UPL1C471MPH	470	16	8' 20	.70
UPL1C471MPH6*	470	16	10' 15	.70
UPL1C681MHH6*	680	16	6.5' 15	1.05
UPL1C102MHH6*	1000	16	16' 15	1.22
UPL1C102MPH	1000	16	10' 31.5	1.22
UPL1C222MHH	2200	16	12.5' 15	2.02
UPL1C222MHH6*	2200	16	12.5' 31.5	2.02
UPL1E470MEH	47	25	6.3' 11	.36
UPL1E101MEH	100	25	6.3' 5	.47
UPL1E221MPH	220	25	8' 15	.67
UPL1E221MPH6*	220	25	10' 12.5	.67
UPL1E331MPH	330	25	8' 20	.76
UPL1E331MPH6*	330	25	10' 15	.76
UPL1E471MHH6*	470	25	12.5' 15	1.05
UPL1E471MPH	470	25	10' 20	1.05
UPL1E102MHH	1000	25	12.5' 15	1.69
UPL1E472MHH	4700	25	18' 40	4.07
UPL1V101MPH	100	35	8' 11.5	.49
UPL1V151MPH6*	150	35	10' 12.5	.53
UPL1V221MPH	220	35	8' 20	.76
UPL1V221MPH6*	220	35	10' 15	.76
UPL1V331MPH	330	35	10' 20	1.05
UPL1V331MHH6*	330	35	12.5' 15	1.05
UPL1V471MPH	470	35	10' 31.5	1.41
UPL1V471MHH6*	470	35	16' 15	1.41
UPL1V681MHH	680	35	12.5' 25	1.62
UPL1V102MHH	1000	35	12.5' 31.5	2.13
UPL1V102MHH6*	1000	35	16' 20	2.13
UPL1V152MHH	1500	35	12.5' 40	2.76
UPL1V272MHH	2700	35	16' 40	3.95
UPL1V332MHH	3300	35	18' 40	4.07
UPL1H100MDH	10	50	5' 11	.28
UPL1H220MEH	22	50	6.3' 11	.36
UPL1H101MPH6*	100	50	10' 15	.67
UPL1H221MPH	220	50	10' 25	.89
UPL1H331MHH6*	330	50	16' 15	1.25
UPL1H471MHH	470	50	12.5' 25	1.72
UPL1H471MHH6*	470	50	18' 15	1.72
UPL1H102MHH	1000	50	16' 31.5	2.39
UPL1H222MHH	2200	50	18' 40	4.70
UPL1J470MPH	47	63	8' 11.5	.49
UPL1J101MPH	100	63	10' 20	.79
UPL1J471MHH6*	470	63	16' 25	1.99

* Low Profile

VZ Series - Radial Leads

VZ Wide Temperature Range



- Operating Temperature Range: -55° to +105°C
- Capacitance Tolerance: ±20%
- Marking: Printed with white letters on black sleeve

Mfr's Type	μF	Voltage	Dimensions D' L (mm)	Each
UVZ1C470MDH	47	16	5' 11	.19
UVZ1C101MDH	100	16	5' 11	.24
UVZ1C221MEH	220	16	6.3' 11	.29
UVZ1C471MPH	470	16	8' 11.5	.24
UVZ1C102MPH	1000	16	10' 16	.67
UVZ1C222MHH	2200	16	12.5' 20	1.18
UVZ1E220MDH	22	25	5' 11	.19
UVZ1E470MDH	47	25	5' 11	.23
UVZ1E101MEH	100	25	6.3' 11	.28
UVZ1E221MPH	220	25	8' 11.5	.39
UVZ1E471MPH	470	25	10' 12.5	.67
UVZ1E102MPH	1000	25	10' 20	.77
UVZ1V220MDH	22	35	5' 11	.20
UVZ1V470MDH	47	35	5' 11	.23
UVZ1V101MEH	100	35	6.3' 11	.29
UVZ1V221MPH	220	35	10' 12.5	.50
UVZ1V471MPH	470	35	10' 16	.70
UVZ1V102MHH	1000	35	12.5' 20	1.18
UVZ1H010MDH	1	50	5' 11	.16
UVZ1H2R2MDH	2.2	50	5' 11	.16
UVZ1H4R7MDH	4.7	50	5' 11	.16
UVZ1H100MDH	10	50	5' 11	.19
UVZ1H220MDH	22	50	5' 11	.20
UVZ1H470MEH	47	50	6.3' 11	.28
UVZ1H101MPH	100	50	8' 11.5	.42
UVZ1H221MPH	220	50	10' 12.5	.50
UVZ1H471MHH	470	50	12.5' 20	.85
UVZ1H102MHH	1000	50	12.5' 25	1.36

SA Series - 7mm Height

SA 7mmL,
For General Purposes



- Radial Leads
- Operating Temperature Range: -40° to +85°C
- Capacitance Tolerance: ±20%

Mfr's Type	μF	Voltage	Dimensions D' L (mm)	Each
USA1C100MCA	10	16	4' 7	.17
USA1C470MCA	47	16	6.3' 7	.20
USR1C101MCA*	100	16	6.3' 7	.24
USA1V100MCA	10	35	5' 7	.18
USA1V220MCA	22	35	6.3' 7	.20
USA1H010MCA	1	50	4' 7	.17
USA1H2R2MCA	2.2	50	4' 7	.17
USA1H4R7MCA	4.7	50	5' 7	.18
USA1H100MCA	10	50	6.3' 7	.20

* Higher C/V than SA Series

Surface Mount - Aluminum Electrolytic Capacitors

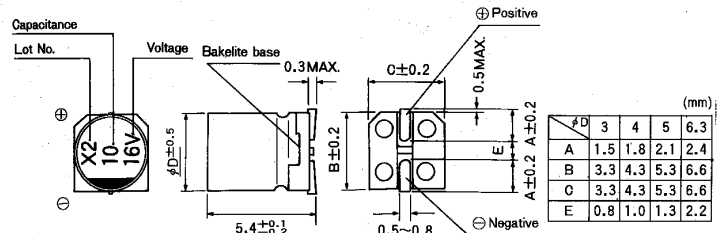
WX

5.5mmL, Chip Type



- Chip type with 5.5mm height.
- Designed for surface mounting on high density PC board.
- Applicable to automatic insertion machine using carrier tape.
- Load life of 2000 hours at 85°C.
- Specifications
- Operating temperature Range: -40 to 85°C.
- Capacitance Tolerance: ±20%

Mfr's Type	μF	Voltage	ØD Code	Qty. Per Reel	Price Per Reel
UWXOJ101MCR1GB	100	6.3	6.3	1000	275.56
UWX1C100MCR1GB	10	16	4	2000	474.76
UWX1C470MCR1GB	47	16	6.3	1000	275.56
UWX1E4R7MCR1GB	4.7	25	4	2000	474.76
UWX1E220MCR1GB	22	25	6.3	1000	275.56
UWX1E330MCR1GB	33	25	6.3	1000	275.56
UWX1H010MCR1GB	1	50	4	2000	474.76
UWX1H2R2MCR1GB	2.2	50	4	2000	474.76
UWX1H100MCR1GB	10	50	6.3	1000	275.56



For SMD



Smaller



Anti-Solvent
Feature