

NICHICON Aluminum Electrolytic Capacitors



RoHS Compliant This product is RoHS compliant.

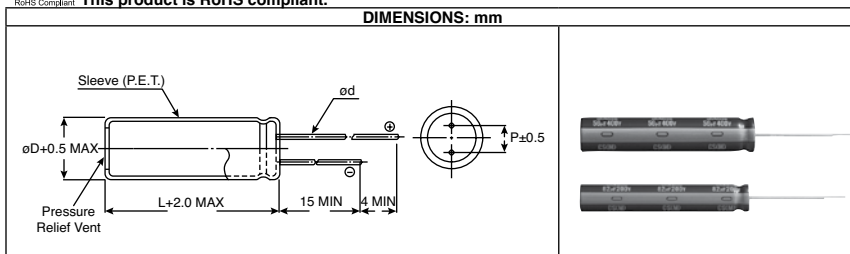
nichicon CS SERIES - PENCIL SHAPED TYPE, MINIATURE SIZED

Features:

- High reliability
- High ripple current
- Load life of 10000 hours at +105°C
- Suited for slim-designed products

Specifications:

- Operating temperature range: -40°C to 105°C (200V to 400V), -25°C to +105°C (450V)
- Voltage range: 200V to 450V
- Capacitance range: 18 to 270µF
- Capacitance tolerance: ±20% at 120Hz, 20°C
- Leakage current: After 1 minute's application of rated voltage, leakage current is not more than 0.04CV+100 (µA)



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nichicon Part No.	Value (µF)	Case Size D x L (mm)	Rated Ripple (mArms) at 105° C 120Hz	Price Each		
					1	10	100
200 Volt							
647-UCS2D820MND9	UCS2D820MND9	82	8 x 50	530	2.34	1.96	1.50
647-UCS2D101MND9	UCS2D101MND9	100	10 x 40	630	2.52	2.11	1.62
647-UCS2D121MND9	UCS2D121MND9	120	10 x 40	680	2.56	2.15	1.65
647-UCS2D151MND9	UCS2D151MND9	150	10 x 50	830	3.17	2.56	1.95
647-UCS2D221MNY9	UCS2D221MNY9	220	12.5 x 40	1075	3.08	2.58	1.98
647-UCS2D271MNY9	UCS2D271MNY9	270	12.5 x 50	1265	3.57	2.88	1.83
250 Volt							
647-UCS2E560MND9	UCS2E560MND9	56	8 x 50	430	2.38	2.00	1.53
647-UCS2E820MND9	UCS2E820MND9	82	10 x 40	610	2.88	2.32	1.77
647-UCS2E101MND9	UCS2E101MND9	100	10 x 50	680	3.25	2.62	2.00
647-UCS2E151MNY9	UCS2E151MNY9	150	12.5 x 40	920	3.15	2.64	2.03
647-UCS2E181MNY9	UCS2E181MNY9	180	12.5 x 50	1035	3.71	2.99	1.91
400 Volt							
647-UCS2G270MND9	UCS2G270MND9	27	8 x 50	255	2.48	2.08	1.60
647-UCS2G390MND9	UCS2G390MND9	39	10 x 40	400	2.71	2.27	1.75
647-UCS2G560MND9	UCS2G560MND9	56	10 x 50	520	3.27	2.74	2.11
647-UCS2G680MNY9	UCS2G680MNY9	68	12.5 x 40	600	3.36	2.82	2.17
647-UCS2G820MNY9	UCS2G820MNY9	82	12.5 x 50	700	3.97	3.32	2.55
450 Volt							
647-UCS2W180MND9	UCS2W180MND9	18	8 x 50	220	2.44	2.05	1.57
647-UCS2W270MND9	UCS2W270MND9	27	10 x 40	290	2.74	2.29	1.77
647-UCS2W330MND9	UCS2W330MND9	33	10 x 40	360	3.12	2.52	1.91
647-UCS2W390MND9	UCS2W390MND9	39	10 x 50	410	3.09	2.59	1.99
647-UCS2W470MNY9	UCS2W470MNY9	47	12.5 x 40	525	3.35	2.81	2.17
647-UCS2W680MNY9	UCS2W680MNY9	68	12.5 x 50	670	3.69	2.97	1.89

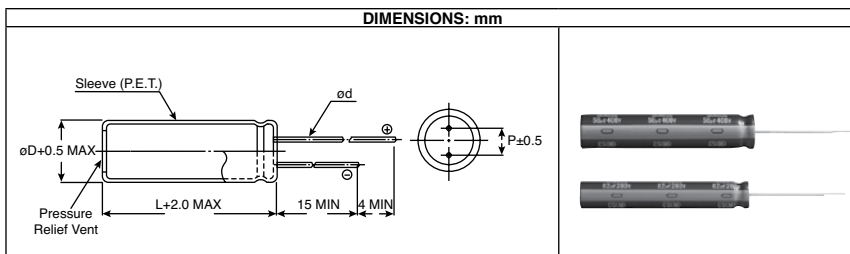
nichicon PZ SERIES - PENCIL SHAPED TYPE, HIGH VOLTAGE, SMALLER SIZED

Features:

- High ripple current
- Load life of 2000 hours at 105°C
- Suited for slim-designed products

Specifications:

- Operating temperature range: -40°C to 105°C (200V to 400V), -25°C to +105°C (450V)
- Voltage range: 200V to 450V
- Capacitance range: 24 to 270µF
- Capacitance tolerance: ±20% at 120Hz, 20°C
- Leakage current: After 1 minute's application of rated voltage, leakage current is not more than 0.04CV+100 (µA)



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nichicon Part No.	Value (µF)	Case Size D x L (mm)	Rated Ripple (mArms) at 105° C 120Hz	Price Each		
					1	10	100
200 Volt							
647-UPZ2D820MND9	UPZ2D820MND9	82	8 x 50	530	2.22	1.86	1.43
647-UPZ2D121MND9	UPZ2D121MND9	120	10 x 40	680	2.66	2.15	1.64
647-UPZ2D151MND9	UPZ2D151MND9	150	10 x 50	830	3.00	2.42	1.84
647-UPZ2D221MNY9	UPZ2D221MNY9	220	12.5 x 40	1075	2.88	2.41	1.85
647-UPZ2D271MNY9	UPZ2D271MNY9	270	12.5 x 50	1265	3.38	2.72	2.12
250 Volt							
647-UPZ2E560MND9	UPZ2E560MND9	56	8 x 50	430	2.23	1.87	1.45
647-UPZ2E820MND9	UPZ2E820MND9	82	10 x 40	610	2.42	2.03	1.56
647-UPZ2E121MND9	UPZ2E121MND9	120	10 x 50	740	3.05	2.46	1.87
647-UPZ2E151MNY9	UPZ2E151MNY9	150	12.5 x 40	920	2.91	2.45	1.88
647-UPZ2E221MNY9	UPZ2E221MNY9	220	12.5 x 50	1140	3.49	2.92	2.24
400 Volt							
647-UPZ2G270MND9	UPZ2G270MND9	27	8 x 50	255	2.35	1.97	1.51
647-UPZ2G470MND9	UPZ2G470MND9	47	10 x 40	435	2.68	2.25	1.73
647-UPZ2G560MND9	UPZ2G560MND9	56	10 x 50	520	2.97	2.50	1.91
647-UPZ2G820MNY9	UPZ2G820MNY9	82	12.5 x 40	660	3.35	2.82	2.17
647-UPZ2G101MNY9	UPZ2G101MNY9	100	12.5 x 50	770	3.74	3.14	2.42
450 Volt							
647-UPZ2W240MND9	UPZ2W240MND9	24	8 x 50	250	2.47	2.07	1.59
647-UPZ2W330MND9	UPZ2W330MND9	33	10 x 40	360	2.69	2.25	1.74
647-UPZ2W470MND9	UPZ2W470MND9	47	10 x 50	450	3.24	2.60	2.03
647-UPZ2W560MNY9	UPZ2W560MNY9	56	12.5 x 40	570	3.40	2.85	2.19
647-UPZ2W820MNY9	UPZ2W820MNY9	82	12.5 x 50	730	4.10	3.44	2.65

NEW TECHNOLOGY Aluminum Caps, Leaded Nichicon NEW TECHNOLOGY NEW TECHNOLOGY