

■ Type List for DYNACAP™

Category	Series	Category temp. range °C		Max.operating voltage V.DC	Capacitance range F	Color of sleeve	Applications	Remarks
		Max.	Min.					
For power	Standard type	DZ1	+ 70	- 25	2.5 / 2.7	1 to 40	Black	Ideal for power supplies of LED displays, personal wireless items, backup for power supplies, and the storage battery of solar battery.
	Large capacitance type	DZH	+ 60	- 25	2.5	22 to 50	Black	
	High power type	DZN	+ 70	- 25	2.5 / 2.7	1 to 40	Blue	Ideal for actuator of moters and electromagnetic coil drives.
	High power Low temperature type	DDU	+ 70	- 40	2.7	3.3 to 50	Brown	Ideal for actuator of moters and electromagnetic coil drives.

■ NRND Product List

Not recommended for new design. (There are not substitute series.)

Category	Series	Category temp. range °C		Max.operating voltage V.DC	Capacitance range F	Color of sleeve	Applications	
		Max.	Min.					
For memory backup	Reflow soldering type	CVN	+ 70	- 25	5.5	0.047 to 0.33	Brown	Ideal for industrial, smart meter, backing up of RTC's for surveillance camera, momentary power assistance of a battery etc.
	Reflow soldering type	CVL	+ 85	- 40	5.5	0.047 to 0.22	Brown	
	Reflow soldering type	CVS	+ 85	- 25	3.6	0.047 to 0.33	Brown	
	Standard type	CB1	+ 70	- 25	5.5	0.047 to 1.5	Indigo	Ideal for backing up of CMOS's, IC's of camera, microcomputers, RAM's, RTC's and the like used in audio, general electronic device, and others.
	Low profile Low ESR type	CBN	+ 70	- 25	5.5	0.047 to 1.5	Indigo	
	Low profile High temperature type	CBJ	+ 85	- 10	5.5	0.047 to 1	Black	
	Low profile Low ESR High temperature type	CBS	+ 85	- 25	3.6	0.047 to 1	Black	
	Miniaturized Standard type	CX1	+ 70	- 25	5.5	0.047 to 0.47	Indigo	Ideal for backing up of CMOS's, IC's of camera, microcomputers, RAM's, RTC's and the like used in audio, general electronic device, and others.
	Miniaturized Low ESR type	CXN	+ 70	- 25	5.5	0.047 to 0.47	Indigo	
	Miniaturized High temperature type	CXJ	+ 85	- 10	5.5	0.047 to 0.33	Black	
	Miniaturized Low ESR High temperature type	CXS	+ 85	- 25	3.6	0.047 to 0.47	Black	
	High temperature type	CH1	+ 85	- 25	5.5	0.047 to 1	Indigo	Ideal for backing up of RTC's for smart meter, outdoor equipment, industrial, momentary power assistance of a battery, automotive etc.
	Wide temperature range type	CHL	+ 85	- 40	5.5	0.047 to 1	Indigo	Ideal for backing up of CMOS IC's, microcomputers, RAM's, RTC's for smart meter, outdoor equipment, auto motive and industrial.
	High temperature long life type	CHC	+ 85	- 25	5.5	0.047 to 1	Black	
Reflow soldering Coin type	CS1 (614)	+ 70	- 25	2.5	0.2	Silver	Mountable on board with best suited for mainly memory and time functions as well as memory backup for PDA and DSC.	
	CSK (614)	+ 60	- 10	3.3	0.2			
	CS1 (621)	+ 70	- 25	2.5	0.33			
	CSK (621)	+ 60	- 10	3.3	0.33			

● Some of the series listed in the below table have been removed from the catalogue (discontinued series). Please select from the new series for a designing your (new) application.

Category	Series	Category temp. range °C		Max.operating voltage V.DC	Capacitance range F	Color of sleeve	Applications	Substitute series to recommend
		Max.	Min.					
For memory backup	Coin type	CC1 (614)	+ 70	- 25	2.5	0.2	Ideal for backing up of pager, solar watches, solar calculators, solar remote control units, camaras and the like.	—
		CCK (614)	+ 60	- 10	3.3	0.2 to 0.22		—
		CC1 (621)	+ 70	- 25	2.5	0.22 to 0.33		—
		CCK (621)	+ 60	- 10	3.3	0.22 to 0.4		—
Reflow soldering Coin type	CSK (414)	+ 70	- 10	3.3	0.07 to 0.08	Mountable on board with best suited for mainly memory and time functions as well as memory backup for PDA and DSC.	—	
For power	High power Low temperature type	DU1	+ 65	- 40	2.7	1 to 50	Ideal for actuator of moters and electromagnetic coil drives.	DDU
	High power High voltage tolerance Low temperature type	DUK	+ 65	- 40	3.0	1 to 15	Ideal for actuator of moters and electromagnetic coil drives.	—

NOTE : Design, Specifications are subject to change without notice.
It is recommended that you shall obtain technical specifications from ELNA to ensure that the component is suitable for your use.