



# CAPACITORS

## Panasonic\_NF Series Electric Double Layer Capacitors(Gold Capacitor)



### FEATURE

Endurance: 70°C 1000h

### RECOMMENDED APPLICATIONS

Memory back-up for video, audio, camera, telephones, printer, date terminal, rice cooker and intelligent remote controller.

# Panasonic

Part No.	Product No.	Manufacturer	Description	H*Dia	Lead Pitch(mm)	V.DC	Capacitance (F)	Cap. Range (F)
28339	EECF5R5U104	Panasonic	Electric Double Layer Capacitors(Gold Capacitor)	13.5*7.5mm	5	5.5V	0.1F	0.08 TO 0.18
28341	EECF5R5U105	Panasonic	Electric Double Layer Capacitors(Gold Capacitor)	21.5*8mm	5	5.5V	1F	0.8 TO 1.8
28340	EECF5R5U224	Panasonic	Electric Double Layer Capacitors(Gold Capacitor)	21.5*7.5mm	5	5.5V	0.22F	0.176 TO 0.396
28338	EECF5R5U473	Panasonic	Electric Double Layer Capacitors(Gold Capacitor)	21.5*7.5mm	5	5.5V	0.047F	0.376 TO 0.0846
15202	EECF5R5U474	Panasonic	Electric Double Layer Capacitors(Gold Capacitor)	0.47F	5.5V	21.5*8mm	0.376 TO 1.410	5

## ELNA\_Electric Double Layer Capacitors(Gold Capacitor)

# ELNA®



Has a total withstand voltage rating of 5.5V Utilizing ELNA'S unique flat spring technology, which enhances the reliability of the internal coin cells, this series is ideal for a wide range of applications from consumer appliances to sophisticated instrumentation.

Part No.	Product No.	Manufacturer	Description	H*Dia	Lead Pitch(mm)	V.DC	Capacitance (F)	Type
20125	DB-5R5D104	ELNA	DYNACAP – Double Layer	13.5 x 7.5	5mm	5.5V	0.1F	DB
20126	DB-5R5D105	ELNA	ELNA_ Double Layer	13.5 x 7.5	5mm	5.5V	1F	DB
38958	DB-5R5D224	ELNA		13.5 x 7.5 mm	5mm	5.5V	0.22F	DB
38959	DB-5R5D334	ELNA		13.5 x 7.5 mm	5mm	5.5V	0.33F	DB
38956	DB-5R5D473	ELNA		13.5 x 7.5 mm	5mm	5.5V	0.047F	DB
38960	DB-5R5D474	ELNA		21.5*8.0mm	5mm	5.5V	0.47F	DB
38966	DX-5R5H104	ELNA	Double Layer (Gold Capacitor)	11.5*5.0mm	5mm	5.5V	0.1F	DX
38969	DX-5R5H224	ELNA	Double Layer (Gold Capacitor)	11.5*5.0mm	5mm	5.5V	0.22F	DX
38972	DX-5R5H334	ELNA	Double Layer (Gold Capacitor)	11.5*5.0mm	5mm	5.5V	0.33F	DX
38963	DX-5R5H473	ELNA	Double Layer (Gold Capacitor)	11.5*5.0mm	5mm	5.5V	0.047F	DX
38967	DX-5R5L104	ELNA	Double Layer (Gold Capacitor)	11.5*12.4mm	5mm	5.5V	0.1F	DX
38970	DX-5R5L224	ELNA	Double Layer (Gold Capacitor)	11.5*12.4mm	5mm	5.5V	0.22F	DX
38973	DX-5R5L334	ELNA	Double Layer (Gold Capacitor)	11.5*12.4mm	5mm	5.5V	0.33F	DX
38964	DX-5R5L473	ELNA	Double Layer (Gold Capacitor)	11.5*12.4mm	5mm	5.5V	0.047F	DX
38965	DX-5R5V104	ELNA	Double Layer (Gold Capacitor)	11.5*13.0mm	5mm	5.5V	0.1F	DX
38974	DX-5R5V105	ELNA	Double Layer (Gold Capacitor)	19.0*20.5mm	5mm	5.5V	1F	DX
38968	DX-5R5V224	ELNA	Double Layer (Gold Capacitor)	11.5*13.0mm	5mm	5.5V	0.22F	DX
38971	DX-5R5V334	ELNA	Double Layer (Gold Capacitor)	11.5*13.0mm	5mm	5.5V	0.33F	DX
38961	DX-5R5V473	ELNA	Double Layer (Gold Capacitor)	11.5*13.0mm	5mm	5.5V	0.047F	DX
38980	DXJ-5R5H104	ELNA	Double Layer (Gold Capacitor)	11.5*5.0mm	5mm	5.5V	0.1F	DXJ
38983	DXJ-5R5H224	ELNA	Double Layer (Gold Capacitor)	11.5*5.0mm	5mm	5.5V	0.22F	DXJ
38987	DXJ-5R5H334	ELNA	Double Layer (Gold Capacitor)	11.5*5.0mm	5mm	5.5V	0.33F	DXJ
38977	DXJ-5R5H473	ELNA	Double Layer (Gold Capacitor)	11.5*5.0mm	5mm	5.5V	0.047F	DXJ
38981	DXJ-5R5L104	ELNA	Double Layer (Gold Capacitor)	11.5*12.4mm	5mm	5.5V	0.1F	DXJ
38984	DXJ-5R5L224	ELNA	Double Layer (Gold Capacitor)	11.5*12.4mm	5mm	5.5V	0.22F	DXJ
38988	DXJ-5R5L334	ELNA	Double Layer (Gold Capacitor)	11.5*12.4mm	5mm	5.5V	0.33F	DXJ
38978	DXJ-5R5L473	ELNA	Double Layer (Gold Capacitor)	11.5*12.4mm	5mm	5.5V	0.047F	DXJ
38979	DXJ-5R5V104	ELNA	Double Layer (Gold Capacitor)	11.5*13.0mm	5mm	5.5V	0.1F	DXJ
38982	DXJ-5R5V224	ELNA	Double Layer (Gold Capacitor)	11.5*13.0mm	5mm	5.5V	0.22F	DDXJ
38985	DXJ-5R5V334	ELNA	Double Layer (Gold Capacitor)	11.5*13.0mm	5mm	5.5V	0.33F	DXJ
38976	DXJ-5R5V473	ELNA	Double Layer (Gold Capacitor)	11.5*13.0mm	5mm	5.5V	0.047F	DXJ

## Hi-teck\_Electric Double Layer Capacitors(Gold Capacitor)



Operating temperature range: -20°C~+70°C  
 Max. storage temp: 70°C  
 Methods: Iron tip temperature be 300°C the duration 2 seconds  
 Iron tip temperature be 200°C the duration 3 seconds



Maximum operating voltage: DC 5.5V  
 Operating temperature range: -20°C~+70°C  
 Cyclelife (1000 cycle charge-discharge):  
 0% capacitance decreasing

Part No.	Product No.	Manufacturer	Description	Type	H*Dia	Lead Pitch(mm)	V.DC	Capacitance (F)
39040	3R3D6F22-VL2	Hiteck	Electric Double Layer Capacitors(Gold Capacitor)	VL2	2.5*6.8mm	2	3.3V	0.22F
39039	3R3D6F22-VL3	Hiteck	Electric Double Layer Capacitors(Gold Capacitor)	VL3	2.5*6.8mm	2	3.3V	0.22F
23184	5R5D12F40-H	Hiteck	Electric Double Layer Capacitors(Gold Capacitor)	H	5.0*12.7mm		5.5V	0.40F
23191	5R5D12F40-V	Hiteck	Electric Double Layer Capacitors(Gold Capacitor)	V	5.0*12.7mm		5.5V	0.40F
23204	5R5D12F47-H	Hiteck	Electric Double Layer Capacitors(Gold Capacitor)	H	5.5*12.8mm	5.5	5.5V	0.47F
23216	5R5D12F47-V	Hiteck	Electric Double Layer Capacitors(Gold Capacitor)	V	5.5*12.8mm	5.5	5.5V	0.47F
39084	5R5D20F100-H	Hiteck	Electric Double Layer Capacitors(Gold Capacitor)	H	5*20.5mm	20.6mm	5.5V	1.0F
39085	5R5D20F180-H	Hiteck	Electric Double Layer Capacitors(Gold Capacitor)	H	6.5*20.5mm		5.5V	1.8F



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