

Panasonic Electronic Components

EEU-FR Series Line Extension & Upgrade

Radial Leaded Aluminum Electrolytic Capacitors

Endurance Upgrade from 2,000 to 5,000 Hours

Panasonic Electronic Components is pleased to announce the expansion and upgrade of the **EEU-FR Series** Radial Leaded Aluminum Electrolytic Capacitors. The changes to the **EEU-FR Series** build upon our existing technology and allow us to provide a quality, competitive product that better serves our users requirements. The **EEU-FR Series** continues to provide excellent low ESR, high ripple current capabilities and can now offer even longer endurance in the smaller cases and higher voltage options.

New Features:

- **Expanded Voltage Range:** 63 VDC Added to Existing 6.3 to 50 VDC Parts
- **Series Endurance Upgrade:** from 2,000 Hours to 5,000 Hours at +105°C for 5mm and 6.3mm Diameter Parts
- **Overall Expanded Capacitance Range:** 18 to 8200uF



Applications:

- Switching Mode Power Supplies
- LCD Backlighting
- LED Systems
- Products with Long Lifetime Requirements

Part Number Information:

1	2	3	4	5	6	7	8	9	10	11	
E	E	U	-	F	R	1	A	1	0	1	B
Product Code					Voltage		Capacitance Value			Packaging: (blank) ⇨ Bulk B, I ⇨ Taping	

Benefits:

- Low Impedance: 12mΩ to 510mΩ
- High Ripple Current Capability: Up to 3,820mA
- Operating Temperature Range: -40°C to +105°C
- Long Operating Life: 5,000 Hours to 10,000 Hours at +105°C
- Wide Case Size Variation: 5x11mm to 16x25mm
- Space and Cost Savings
- RoHS Compliant

Industries:

- Industrial Controls
- LED Lighting
- Alternative Energy
- Home Appliance

Additional Information:



For detailed specification information on these upgraded Radial Leaded Aluminum Electrolytic Capacitors visit panasonic.com/industrial/includes/pdf/EEU-FR_DataSheet.pdf today!

Website: panasonic.com/industrial/electronic-components/capacitive-products/index.aspx

Panasonic ideas for life

EEU-FR Series Line Extension

Radial Leaded Aluminum Electrolytic Capacitors

Now Available in Tape and Ammo Packaging

Panasonic, a worldwide leader in Capacitive Products, is expanding the **EEU-FR Series** of Radial Leaded Aluminum Electrolytic Capacitors. By improving material technology, Panasonic has been able to increase lifetime by up to 100% - to 10,000 hours at 105°C - over previous generation products and also improve capacitance by up to 30%. These capacitors are suitable for switching mode adapters, line noise removal and other products with long lifetime requirements. **The EEU-FR Series** offers capacitors ranging in size from Ø5x11mm to Ø16x25mm.

Features:

- Voltage Range: 6.3 to 50 V.DC
- Capacitance Range: 22 to 8200uF
- Operating Temperature Range: -40°C to +105°C
- Operating Life: 2000 hours (case sizes 5 and 6mm diameter) to 10,000 hours (case sizes 10mm diameter and larger) at +105°C
- Ripple Current Performance: Up to 3,820mA
- ESR: Down to just 12mΩ (20°C/100kHz)

Benefits:

- Improved Capacitance of up to 30%
- Improved Endurance of up to 10,000 hours at +105°C (case sizes 10mm diameter and larger)
- Space and Cost Savings
- RoHS Compliant

Industries:

- Industrial Controls
- LED Lighting
- Medical
- Home Appliance

Applications:

- Switching Mode Power Supplies
- LCD Backlighting
- LED Systems
- Products with Long Lifetime Requirements

Part Number Information:

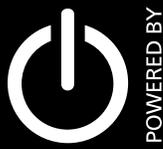
1	2	3	4	5	6	7	8	9	10	11
E	E	U	F	R	1	A	1	0	1	B
Product Code					Voltage		Capacitance Value			Packaging:
										(blank) ⇨ Bulk
										B, I ⇨ Taping
										E ⇨ Cut Lead

Additional Information:



For detailed specification information or samples of these new Radial Leaded Aluminum Electrolytic Capacitors visit panasonic.com/industrial/includes/pdf/EEU-FR_DataSheet.pdf today!

Website: panasonic.com/industrial/electronic-components/capacitive-products/index.aspx



NEW! EEU-FR Series

Radial Leaded Aluminum Electrolytic Capacitors

Featuring Ultra-Low ESR and Long-Life (Up to 10,000 Hours at 105°C)

Panasonic, a worldwide leader in Capacitive Products introduces the **NEW EEU-FR Series** of Radial Leaded Aluminum Electrolytic Capacitors. By improving material technology, Panasonic has been able to increase lifetime by up to 100%—to 10,000 hours at 105°C—over previous generation products and also improve capacitance by up to 30%. These capacitors are suitable for switching mode adapters, line noise removal and other products with long lifetime requirements. **The EEU-FR Series** offers capacitors ranging in size from Ø5x11mm to Ø16x25mm.

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- Improved endurance of up to 10,000 hours at +105°C (case sizes 10mm diameter and larger)
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- Industrial controls
- LED Lighting
- Medical
- Home Appliance

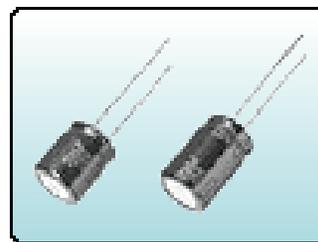
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- LED systems
- Products with long lifetime requirements

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