

**685PHC250K**



**Part Number:** 685PHC250K  
**Manufacturer:** Illinois Capacitor  
**Description:** CAP FILM 6.8UF 10% 250VDC AXIAL  
**Data sheet:** [PHC Series Datasheet](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

| PRODUCT PARAMETER                  |                                                                     |                                 |                                           |
|------------------------------------|---------------------------------------------------------------------|---------------------------------|-------------------------------------------|
| Part Number                        | 685PHC250K                                                          | Manufacturer                    | <a href="#">Illinois Capacitor</a>        |
| Description                        | CAP FILM 6.8UF 10% 250VDC AXIAL                                     | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                |
| Quantity Available                 | 28461 pcs                                                           | Data sheet                      | <a href="#">PHC Series Datasheet</a>      |
| Category                           | <a href="#">Capacitors</a>                                          | Voltage Rating - DC             | 250V                                      |
| Voltage Rating - AC                | 160V                                                                | Tolerance                       | ±10%                                      |
| Termination                        | PC Pins                                                             | Size / Dimension                | 0.827" Dia x 1.339" L (21.00mm x 34.00mm) |
| Series                             | PHC                                                                 | Ratings                         | -                                         |
| Packaging                          | Bulk                                                                | Package / Case                  | Axial                                     |
| Operating Temperature              | -40°C ~ 85°C                                                        | Mounting Type                   | Through Hole                              |
| Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                       | Manufacturer Standard Lead Time | 19 Weeks                                  |
| Lead Spacing                       | -                                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                |
| Height - Seated (Max)              | -                                                                   | Features                        | Low ESR, Low ESL                          |
| ESR (Equivalent Series Resistance) | 3.1 mOhms                                                           | Dielectric Material             | Polypropylene (PP), Metallized            |
| Detailed Description               | 6.8µF Film Capacitor 160V 250V Polypropylene (PP), Metallized Axial | Capacitance                     | 6.8µF                                     |
| Applications                       | DC Link, DC Filtering; High Frequency, Switching                    |                                 |                                           |

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RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS |                                                                                      |                                                   |                     |
|------------------|--------------------------------------------------------------------------------------|---------------------------------------------------|---------------------|
|                  | Part#: <a href="#">685MWR250K</a><br>Description: CAP FILM 6.8UF 10% 250VDC AXIAL    | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685PUM050M</a><br>Description: CAP ALUM 6.8UF 20% 50V THRU HOLE   | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685PHC400K</a><br>Description: CAP FILM 6.8UF 10% 400VDC AXIAL    | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685MSR100K</a><br>Description: CAP FILM 6.8UF 10% 100VDC RADIAL   | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685PUM035M</a><br>Description: CAP ALUM 6.8UF 20% 35V THRU HOLE   | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685N-GRAY</a><br>Description: CABINET ALUMINUM GRAY 6"L X 8"W     | Manufacturers: <a href="#">LMB Heeger, Inc.</a>   | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685PHC850KS</a><br>Description: CAP FILM 6.8UF 10% 850VDC AXIAL   | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685PPS700K</a><br>Description: CAP FILM 6.8UF 10% 700VDC AXIAL    | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685PPB250K</a><br>Description: CAP FILM 6.8UF 10% 250VDC RADIAL   | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685MWR100K</a><br>Description: CAP FILM 6.8UF 10% 100VDC AXIAL    | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685PHB400K2J</a><br>Description: CAP FILM 6.8UF 10% 400VDC RADIAL | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685MWR050K</a><br>Description: CAP FILM 6.8UF 10% 50VDC AXIAL     | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685PHB250K2H</a><br>Description: CAP FILM 6.8UF 10% 250VDC RADIAL | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685TLS050M</a><br>Description: CAP ALUM 6.8UF 20% 50V AXIAL       | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685PHB700K2R</a><br>Description: CAP FILM 6.8UF 10% 700VDC RADIAL | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685PHB600K2J</a><br>Description: CAP FILM 6.8UF 10% 600VDC RADIAL | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685PHC600K</a><br>Description: CAP FILM 6.8UF 10% 600VDC AXIAL    | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685MPW160K</a><br>Description: CAP FILM 6.8UF 10% 160VDC AXIAL    | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685PHC700K</a><br>Description: CAP FILM 6.8UF 10% 700VDC AXIAL    | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|                  | Part#: <a href="#">685PHB250K4H</a><br>Description: CAP FILM 6.8UF 250VDC RAD 4LD    | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |

Related keywords for **685PHC250K**

|                               |                                     |                                     |                  |
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