

## 474PSB252K2R



**Part Number:** [474PSB252K2R](#)  
**Manufacturer:** [Illinois Capacitor](#)  
**Description:** CAP FILM 0.47UF 10% 2.5KVDC RAD  
**Data sheet:** [PDF PSB/RSB Series Datasheet](#)

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

Images are for reference only.  
 See Product Specifications for product details.  
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### PRODUCT PARAMETER

|                                    |  |
|------------------------------------|--|
| Part Number                        | <a href="#">474PSB252K2R</a>   |
| Manufacturer                       | <a href="#">Illinois Capacitor</a>   |
| Description                        | CAP FILM 0.47UF 10% 2.5KVDC RAD  |
| Lead Free Status / RoHS Status     | Lead free / RoHS Compliant   |
| Quantity Available                 | 7356 pcs   |
| Product Photo                      | <a href="#">474PSB252K2R.jpg</a>   |
| Category                           | <a href="#">Capacitors</a>   |
| Voltage Rating - DC                | 2500V (2.5kV)  |
| Voltage Rating - AC                | 725V   |
| Tolerance                          | ±10%   |
| Termination                        | PC Pins  |
| Size / Dimension                   | 2.264" L x 1.181" W (57.50mm x 30.00mm)  |
| Series                             | PSB  |
| Ratings                            | -  |
| Packaging                          | Bulk   |
| Package / Case                     | Radial   |
| Operating Temperature              | -40°C ~ 100°C  |
| Mounting Type                      | Through Hole   |
| Moisture Sensitivity Level (MSL)   | 1 (Unlimited)  |
| Lead Spacing                       | 2.067" (52.50mm)   |
| Lead Free Status / RoHS Status     | Lead free / RoHS Compliant   |
| Height - Seated (Max)              | 1.772" (45.00mm)   |
| Features                           | -  |
| ESR (Equivalent Series Resistance) | 4.7 mOhms  |
| Dielectric Material                | Polypropylene (PP), Metallized   |
| Detailed Description               | 0.47µF Film Capacitor 725V 2500V (2.5kV) Polypropylene (PP), Metallized Radial |
| Capacitance                        | 0.47µF   |
| Applications                       | High Frequency, Switching; High Pulse, DV/DT; Snubber                          |

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### RELATED PRODUCTS

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|  | Part#: <a href="#">474PSB122K2J</a><br>Description: CAP FILM 0.47UF 10% 1.2KVDC RAD  | Manufacturers: <a href="#">Illinois Capacitor</a><br>In Stock: 20694      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474PSB102K2J</a><br>Description: CAP FILM 0.47UF 10% 1KVDC RADIAL | Manufacturers: <a href="#">Illinois Capacitor</a><br>In Stock: 17802      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474R7C</a><br>Description: FIXED IND 4.7UH 4.6A 32.4 MOHM         | Manufacturers: <a href="#">Murata Power Solutions</a><br>In Stock: 83924  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474PSB700K2H</a><br>Description: CAP FILM 0.47UF 10% 700VDC RAD   | Manufacturers: <a href="#">Illinois Capacitor</a><br>In Stock: 27815      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474PSB850K2H</a><br>Description: CAP FILM 0.47UF 10% 850VDC RAD   | Manufacturers: <a href="#">Illinois Capacitor</a><br>In Stock: 19227      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474S4S72</a><br>Description: CABLE STR FEMALE-FEMALE 4POS 6'      | Manufacturers: <a href="#">Conxall / Switchcraft</a><br>In Stock: 3011    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474PSB252K4R</a><br>Description: CAP FILM 0.47UF 2.5KVDC RAD 4LD  | Manufacturers: <a href="#">Illinois Capacitor</a><br>In Stock: 6784       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474PSB152K2J</a><br>Description: CAP FILM 0.47UF 10% 1.5KVDC RAD  | Manufacturers: <a href="#">Illinois Capacitor</a><br>In Stock: 13485      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474R7SC</a><br>Description: FIXED IND 4.7UH 5.8A 16.4 MOHM        | Manufacturers: <a href="#">Murata Power Solutions</a><br>In Stock: 120967 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474PSB122K4H</a><br>Description: CAP FILM 0.47UF 1.2KVDC RAD 4LD  | Manufacturers: <a href="#">Illinois Capacitor</a><br>In Stock: 15460      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474S4S144</a><br>Description: CABLE STR FEMALE-FEMALE 4POS 12'    | Manufacturers: <a href="#">Conxall / Switchcraft</a><br>In Stock: 2404    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474PSB122K2H</a><br>Description: CAP FILM 0.47UF 10% 1.2KVDC RAD  | Manufacturers: <a href="#">Illinois Capacitor</a><br>In Stock: 17035      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474S4S36</a><br>Description: CABLE STR FEMALE-FEMALE 4POS 3'      | Manufacturers: <a href="#">Conxall / Switchcraft</a><br>In Stock: 3281    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474PSB302K2R</a><br>Description: CAP FILM 0.47UF 10% 3KVDC RADIAL | Manufacturers: <a href="#">Illinois Capacitor</a><br>In Stock: 4643       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474PSB102K4H</a><br>Description: CAP FILM 0.47UF 1KVDC RAD 4LD    | Manufacturers: <a href="#">Illinois Capacitor</a><br>In Stock: 17395      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474PSB202K4J</a><br>Description: CAP FILM 0.47UF 2KVDC RAD 4LD    | Manufacturers: <a href="#">Illinois Capacitor</a><br>In Stock: 9057       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474PSB302K4R</a><br>Description: CAP FILM 0.47UF 3KVDC RAD 4LD    | Manufacturers: <a href="#">Illinois Capacitor</a><br>In Stock: 4523       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474PSB102K2H</a><br>Description: CAP FILM 0.47UF 10% 1KVDC RADIAL | Manufacturers: <a href="#">Illinois Capacitor</a><br>In Stock: 17788      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474PSB202K2J</a><br>Description: CAP FILM 0.47UF 10% 2KVDC RADIAL | Manufacturers: <a href="#">Illinois Capacitor</a><br>In Stock: 10993      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">474PSB152K4J</a><br>Description: CAP FILM 0.47UF 1.5KVDC RAD 4LD  | Manufacturers: <a href="#">Illinois Capacitor</a><br>In Stock: 13146      | <a href="#">RFQ</a> |

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