

# BFC238558302

#### BFC238558302 Information

| Heisener.com       | Part Number<br>Manufacturer<br>Category<br>Description<br>Package | BFC238558302<br>Vishay BC Components<br>Capacitors<br>Film Capacitors<br>CAP FILM 3000PF 5% 1.6KVDC RAD<br>Radial<br>For the pricing/inventory/lead time, please contact |                 |
|--------------------|---|--|-----------------|
| For Reference Only |   | us<br>Website: https://www.heisener.com<br>E-mail: salesdept@heisener.com  | Request a Quote |

## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## BFC238558302 Specifications

| Manufacturer Part NumberBFC238558302ManufacturerVishay BC ComponentsCategoryCapacitorsFilm CapacitorsFilm CapacitorsPackageRadialSeriesMKP385Capacitance3000pFTolerance550VVoltage Rating - DC1600V (1.6kV)Dielectric MaterialPolypropylene (PP), MetallizedSR (Equivalent Series Resistance)-Operating Type55°C ~ 110°CMounting TypeStol Vil 2.50mm x 4.00mm)Size / Dimension0.492° L x 0.158° W (12.50mm x 4.00mm)Height - Seated (Max)0.472° (12.00mm)Lead Spacing0.295° (7.50mm)ApplicationsDC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DTFeatures- |                                    |   |
|--|------------------------------------|---|
| CategoryCapacitorsFilm CapacitorsPackageRadialSeriesMKP385Capacitance3000pFTolerance±5%Voltage Rating - AC550VVoltage Rating - DC1600V (1.6kV)Dielectric MaterialPolypropylene (PP), MetallizedESR (Equivalent Series Resistance)-Operating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / CaseRadialSize / Dimension0.492" L x 0.158" W (12.50mm x 4.00mm)Height - Seated (Max)0.472" (12.00mm)TerminationPC PinsLead Spacing0.255" (7.50mm)ApplicationsDC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DT                                     | Manufacturer Part Number           | BFC238558302  |
| Film CapacitorsPackageRadialSeriesMKP385Capacitance3000pFTolerance±5%Voltage Rating - AC50VVoltage Rating - DC1600V (1.6kV)Dielectric MaterialPolypropylene (PP), MetallizedESR (Equivalent Series Resistance)-Operating Temperature-55°C ~ 110°CMounting TypeThrough HoleSize / Dimension0.492" L x 0.158" W (12.50mm x 4.00mm)Height - Seated (Max)0.472" (12.00mm)TerminationD25% (7.50mm)ApplicationsDC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DT   | Manufacturer                       | Vishay BC Components  |
| PackageRadialSeriesMKP385Capacitance3000pFTolerance±5%Voltage Rating - AC550VVoltage Rating - DC1600V (1.6kV)Dielectric MaterialPolypropylene (PP), MetallizedDielectric Material-Operating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / CaseRadialSize / Dimension0.492" L x 0.158" W (12.50mm x 4.00mm)Height - Seated (Max)0.472" (12.00mm)TerminationDC PinsApplications0.295" (7.50mm)ApplicationsDC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DT   | Category                           | Capacitors  |
| SeriesMKP385Capacitance3000pFTolerance±5%Voltage Rating - AC550VVoltage Rating - DC1600V (1.6kV)Dielectric MaterialPolypropylene (PP), MetallizedDielectric Material-Operating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / CaseRadialSize / Dimension0.492" L x 0.158" W (12.50mm x 4.00mm)Height - Seated (Max)0.472" (12.00mm)PerminationDC PinsApplications0.295" (7.50mm)   |                                    | Film Capacitors   |
| Capacitance3000pFTolerance±5%Voltage Rating - AC550VVoltage Rating - DC1600V (1.6kV)Dielectric MaterialPolyproylene (PP), MetallizedSR (Equivalent Series Resistance)-Operating Temperature-5°C ~ 110°CMounting TypeThrough HolePackage / Case.4dialSize / Dimension0.472" (12.00mm x 4.00mm)Height - Seated (Max)OP PinsLead Spacing0.295" (7.50mm)ApplicationsDC Link, DC Filtering; High Preuer, Switching; High Pulse, DV/DT   | Package                            | Radial  |
| Tolerance±5%Yoltage Rating - AC550VVoltage Rating - DC1600V (1.6kV)Dielectric MaterialPolypropylene (PP), MetallizedESR (Equivalent Series Resistance)-Operating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / CaseRadialSize / Dimension0.492" L x 0.158" W (12.50mm x 4.00mm)Height - Seated (Max)0.472" (12.00mm)TerminationPC PinsLead Spacing0.295" (7.50mm)ApplicationsDC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DT  | Series                             | MKP385  |
| Voltage Rating - AC550VVoltage Rating - DC1600V (1.6kV)Dielectric MaterialPolypropylene (PP), MetallizedESR (Equivalent Series Resistance)-Operating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / CaseRadialSize / Dimension0.492" L x 0.158" W (12.50mm x 4.00mm)Height - Seated (Max)0.472" (12.00mm)TerminationPC PinsLead Spacing0.295" (7.50mm)ApplicationsDC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DT  | Capacitance                        | 3000pF  |
| Voltage Rating - DC1600V (1.6kV)Dielectric MaterialPolypropylene (PP), MetallizedESR (Equivalent Series Resistance)-Operating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / CaseRadialSize / Dimension0.492" L x 0.158" W (12.50mm x 4.00mm)Height - Seated (Max)0.472" (12.00mm)Termination0.295" (7.50mm)Lead Spacing0.295" (7.50mm)ApplicationsDC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DT   | Tolerance                          | $\pm 5\%$   |
| Dielectric MaterialPolypropylene (PP), MetallizedESR (Equivalent Series Resistance)-Operating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / CaseRadialSize / Dimension0.492" L x 0.158" W (12.50mm x 4.00mm)Height - Seated (Max)0.472" (12.00mm)TerminationPC PinsLead Spacing0.295" (7.50mm)ApplicationsDC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DT   | Voltage Rating - AC                | 550V  |
| ESR (Equivalent Series Resistance)-Operating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / CaseRadialSize / Dimension0.492" L x 0.158" W (12.50mm x 4.00mm)Height - Seated (Max)0.472" (12.00mm)TerminationPC PinsLead Spacing0.295" (7.50mm)ApplicationsDC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DT  | Voltage Rating - DC                | 1600V (1.6kV)   |
| Operating Temperature-55°C ~ 110°CMounting TypeThrough HolePackage / CaseRadialSize / Dimension0.492" L x 0.158" W (12.50mm x 4.00mm)Height - Seated (Max)0.472" (12.00mm)TerminationPC PinsLead Spacing0.295" (7.50mm)ApplicationsDC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DT   | Dielectric Material                | Polypropylene (PP), Metallized                                      |
| Nounting TypeThrough HolePackage / CaseRadialSize / Dimension0.492" L x 0.158" W (12.50mm x 4.00mm)Height - Seated (Max)0.472" (12.00mm)TerminationPC PinsLead Spacing0.295" (7.50mm)ApplicationsDC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DT   | ESR (Equivalent Series Resistance) | -   |
| Package / CaseRadialSize / Dimension0.492" L x 0.158" W (12.50mm x 4.00mm)Height - Seated (Max)0.472" (12.00mm)TerminationPC PinsLead Spacing0.295" (7.50mm)ApplicationsDC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DT  | Operating Temperature              | -55°C ~ 110°C   |
| Size / Dimension 0.492" L x 0.158" W (12.50mm x 4.00mm)   Height - Seated (Max) 0.472" (12.00mm)   Termination PC Pins   Lead Spacing 0.295" (7.50mm)   Applications DC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DT   | Mounting Type                      | Through Hole  |
| Height - Seated (Max)0.472" (12.00mm)TerminationPC PinsLead Spacing0.295" (7.50mm)ApplicationsDC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DT  | Package / Case                     | Radial  |
| TerminationPC PinsLead Spacing0.295" (7.50mm)ApplicationsDC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DT   | Size / Dimension                   | 0.492" L x 0.158" W (12.50mm x 4.00mm)                              |
| Lead Spacing0.295" (7.50mm)ApplicationsDC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DT   | Height - Seated (Max)              | 0.472" (12.00mm)  |
| Applications DC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DT   | Termination                        | PC Pins   |
|  | Lead Spacing                       | 0.295" (7.50mm)   |
| Features -   | Applications                       | DC Link, DC Filtering; High Frequency, Switching; High Pulse, DV/DT |
|  | Features                           | -   |
| Report errors?   |                                    | Report errors?  |

#### BFC238558302 Guarantees



Quality Guarantees

We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

# SERVICE EUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

# BFC238558302 Payment Methods



### **BFC238558302** Shipping Methods



If you have any question about BFC238558302, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com