



### **RUEF185 Information**



For Reference Only

Part Number RUEF185

Manufacturer Littelfuse Inc.

Category Circuit Protection
PTC Resettable Fuses

**Description** POLYSWITCH RUE SERIES 1.85A

Package Radial, Disc

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com 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.









## **RUEF185 Specifications**

| Manufacturer Part Number         RUEF185           Manufacturer         Littelfuse Inc.           Category         Circuit Protection           PTC Resettable Fuses           Package         Radial, Disc           Series         PolySwitch?, RUEF           Type         Polymeric           Voltage - Max         30V           Current - Max         100A           Current - Hold (lh) (Max)         1.85A           Current - Trip (lt)         3.7A           Time to Trip         8.7s           Resistance - Initial (Ri) (Min)         30 mOhms           Resistance - Post Trip (R1) (Max)         90 mOhms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Radial, Disc           Size / Dimension         0.402" Dia x 0.118" W (10.20mm x 3.00mm)           Height - Seated (Max)         0.618" (15.70mm)           Thickness (Max)         -           Lead Spacing         0.199" (5.05mm)  | Tre 22 100 specifications         |  |
|--|-----------------------------------|--|
| Category         Circuit Protection           Package         Radial, Disc           Series         PolySwitch?, RUEF           Type         Polymeric           Voltage - Max         30V           Current - Max         100A           Current - Hold (lh) (Max)         1.85A           Current - Trip (lt)         3.7A           Time to Trip         8.7s           Resistance - Initial (Ri) (Min)         30 mOhms           Resistance - Post Trip (R1) (Max)         90 mOhms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Through Hole           Package / Case         Radial, Disc           Size / Dimension         0.402" Dia x 0.118" W (10.20mm x 3.00mm)           Height - Seated (Max)         0.618" (15.70mm)           Thickness (Max)         -           Lead Spacing         0.199" (5.05mm)   | Manufacturer Part Number          | RUEF185                                  |
| Package         Radial, Disc           Series         PolySwitch?, RUEF           Type         Polymeric           Voltage - Max         30V           Current - Max         100A           Current - Hold (Ih) (Max)         1.85A           Current - Trip (It)         3.7A           Time to Trip         8.7s           Resistance - Initial (Ri) (Min)         30 mOhms           Resistance - Post Trip (R1) (Max)         90 mOhms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Through Hole           Package / Case         Radial, Disc           Size / Dimension         0.402" Dia x 0.118" W (10.20mm x 3.00mm)           Height - Seated (Max)         0.618" (15.70mm)           Thickness (Max)         -           Lead Spacing         0.199" (5.05mm)   | Manufacturer                      | Littelfuse Inc.                          |
| Package         Radial, Disc           Series         PolySwitch?, RUEF           Type         Polymeric           Voltage - Max         30V           Current - Max         100A           Current - Hold (lh) (Max)         1.85A           Current - Trip (It)         3.7A           Time to Trip         8.7s           Resistance - Initial (Ri) (Min)         30 mOhms           Resistance - Post Trip (R1) (Max)         90 mOhms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Through Hole           Package / Case         Radial, Disc           Size / Dimension         0.402" Dia x 0.118" W (10.20mm x 3.00mm)           Height - Seated (Max)         0.618" (15.70mm)           Thickness (Max)         -           Lead Spacing         0.199" (5.05mm)   | Category                          | Circuit Protection                       |
| Series         PolySwitch?, RUEF           Type         Polymeric           Voltage - Max         30V           Current - Max         100A           Current - Hold (Ih) (Max)         1.85A           Current - Trip (It)         3.7A           Time to Trip         8.7s           Resistance - Initial (Ri) (Min)         30 mOhms           Resistance - Post Trip (R1) (Max)         90 mOhms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Through Hole           Package / Case         Radial, Disc           Size / Dimension         0.402" Dia x 0.118" W (10.20mm x 3.00mm)           Height - Seated (Max)         0.618" (15.70mm)           Thickness (Max)         -           Lead Spacing         0.199" (5.05mm)  |                                   | PTC Resettable Fuses                     |
| Type         Polymeric           Voltage - Max         30V           Current - Max         100A           Current - Hold (Ih) (Max)         1.85A           Current - Trip (It)         3.7A           Time to Trip         8.7s           Resistance - Initial (Ri) (Min)         30 mOhms           Resistance - Post Trip (R1) (Max)         90 mOhms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Through Hole           Package / Case         Radial, Disc           Size / Dimension         0.402" Dia x 0.118" W (10.20mm x 3.00mm)           Height - Seated (Max)         0.618" (15.70mm)           Thickness (Max)         -           Lead Spacing         0.199" (5.05mm)   | Package                           | Radial, Disc                             |
| Voltage - Max         30V           Current - Max         100A           Current - Hold (lh) (Max)         1.85A           Current - Trip (lt)         3.7A           Time to Trip         8.7s           Resistance - Initial (Ri) (Min)         30 mOhms           Resistance - Post Trip (R1) (Max)         90 mOhms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Through Hole           Package / Case         Radial, Disc           Size / Dimension         0.402" Dia x 0.118" W (10.20mm x 3.00mm)           Height - Seated (Max)         0.618" (15.70mm)           Thickness (Max)         -           Lead Spacing         0.199" (5.05mm)  | Series                            | PolySwitch?, RUEF                        |
| Current - Max       100A         Current - Hold (lh) (Max)       1.85A         Current - Trip (lt)       3.7A         Time to Trip       8.7s         Resistance - Initial (Ri) (Min)       30 mOhms         Resistance - Post Trip (R1) (Max)       90 mOhms         Resistance - 25°C (Typ)       -         Operating Temperature       -40°C ~ 85°C         Ratings       -         Mounting Type       Through Hole         Package / Case       Radial, Disc         Size / Dimension       0.402" Dia x 0.118" W (10.20mm x 3.00mm)         Height - Seated (Max)       0.618" (15.70mm)         Thickness (Max)       -         Lead Spacing       0.199" (5.05mm)  | Type                              | Polymeric                                |
| Current - Hold (Ih) (Max)       1.85A         Current - Trip (It)       3.7A         Time to Trip       8.7s         Resistance - Initial (Ri) (Min)       30 mOhms         Resistance - Post Trip (R1) (Max)       90 mOhms         Resistance - 25°C (Typ)       -         Operating Temperature       -40°C ~ 85°C         Ratings       -         Mounting Type       Through Hole         Package / Case       Radial, Disc         Size / Dimension       0.402" Dia x 0.118" W (10.20mm x 3.00mm)         Height - Seated (Max)       0.618" (15.70mm)         Thickness (Max)       -         Lead Spacing       0.199" (5.05mm)   | Voltage - Max                     | 30V                                      |
| Current - Trip (It)       3.7A         Time to Trip       8.7s         Resistance - Initial (Ri) (Min)       30 mOhms         Resistance - Post Trip (R1) (Max)       90 mOhms         Resistance - 25°C (Typ)       -         Operating Temperature       -40°C ~ 85°C         Ratings       -         Mounting Type       Through Hole         Package / Case       Radial, Disc         Size / Dimension       0.402" Dia x 0.118" W (10.20mm x 3.00mm)         Height - Seated (Max)       0.618" (15.70mm)         Thickness (Max)       -         Lead Spacing       0.199" (5.05mm)   | Current - Max                     | 100A                                     |
| Time to Trip 8.7s  Resistance - Initial (Ri) (Min) 30 mOhms  Resistance - Post Trip (R1) (Max) 90 mOhms  Resistance - 25°C (Typ) Operating Temperature -40°C ~ 85°C  Ratings - Mounting Type Through Hole  Package / Case Radial, Disc Size / Dimension 0.402" Dia x 0.118" W (10.20mm x 3.00mm)  Height - Seated (Max) 0.618" (15.70mm)  Thickness (Max) - Lead Spacing 0.199" (5.05mm)   | Current - Hold (Ih) (Max)         | 1.85A                                    |
| Resistance - Initial (Ri) (Min)  Resistance - Post Trip (R1) (Max)  90 mOhms  Resistance - 25°C (Typ)  - Operating Temperature  -40°C ~ 85°C  Ratings  - Mounting Type  Through Hole  Package / Case  Radial, Disc  Size / Dimension  0.402" Dia x 0.118" W (10.20mm x 3.00mm)  Height - Seated (Max)  Thickness (Max)  - Lead Spacing  0.199" (5.05mm)  | Current - Trip (It)               | 3.7A                                     |
| Resistance - Post Trip (R1) (Max)  Resistance - 25°C (Typ)  Operating Temperature  -40°C ~ 85°C  Ratings  - Mounting Type  Through Hole  Package / Case  Radial, Disc  Size / Dimension  Height - Seated (Max)  Thickness (Max)  - Lead Spacing  90 mOhms  90 mOhms  90 mOhms  90 mOhms  90 mOhms  10 mo | Time to Trip                      | 8.7s                                     |
| Resistance - 25°C (Typ)  Operating Temperature  -40°C ~ 85°C  Ratings  - Mounting Type  Through Hole  Package / Case  Radial, Disc  Size / Dimension  0.402" Dia x 0.118" W (10.20mm x 3.00mm)  Height - Seated (Max)  Thickness (Max)  - Lead Spacing  0.199" (5.05mm)  | Resistance - Initial (Ri) (Min)   | 30 mOhms                                 |
| Operating Temperature -40°C ~ 85°C Ratings - Mounting Type Through Hole Package / Case Radial, Disc Size / Dimension 0.402" Dia x 0.118" W (10.20mm x 3.00mm) Height - Seated (Max) 0.618" (15.70mm) Thickness (Max) - Lead Spacing 0.199" (5.05mm)  | Resistance - Post Trip (R1) (Max) | 90 mOhms                                 |
| Ratings - Mounting Type Through Hole Package / Case Radial, Disc Size / Dimension 0.402" Dia x 0.118" W (10.20mm x 3.00mm) Height - Seated (Max) 0.618" (15.70mm) Thickness (Max) - Lead Spacing 0.199" (5.05mm)   | Resistance - 25°C (Typ)           | -  |
| Mounting Type Through Hole Package / Case Radial, Disc  Size / Dimension 0.402" Dia x 0.118" W (10.20mm x 3.00mm)  Height - Seated (Max) 0.618" (15.70mm)  Thickness (Max) - Lead Spacing 0.199" (5.05mm)  | Operating Temperature             | -40°C ~ 85°C                             |
| Package / Case Radial, Disc  Size / Dimension 0.402" Dia x 0.118" W (10.20mm x 3.00mm)  Height - Seated (Max) 0.618" (15.70mm)  Thickness (Max) - Lead Spacing 0.199" (5.05mm)   | Ratings                           | -  |
| Size / Dimension       0.402" Dia x 0.118" W (10.20mm x 3.00mm)         Height - Seated (Max)       0.618" (15.70mm)         Thickness (Max)       -         Lead Spacing       0.199" (5.05mm)  | Mounting Type                     | Through Hole                             |
| Height - Seated (Max)       0.618" (15.70mm)         Thickness (Max)       -         Lead Spacing       0.199" (5.05mm)  | Package / Case                    | Radial, Disc                             |
| Thickness (Max) - Lead Spacing 0.199" (5.05mm)   | Size / Dimension                  | 0.402" Dia x 0.118" W (10.20mm x 3.00mm) |
| Lead Spacing 0.199" (5.05mm)   | Height - Seated (Max)             | 0.618" (15.70mm)                         |
|  | Thickness (Max)                   | -  |
| Report errors?   | Lead Spacing                      | 0.199" (5.05mm)                          |
|  |                                   | Report errors?                           |

#### **RUEF185 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 Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## **RUEF185 Payment Methods**









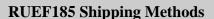
























If you have any question about RUEF185, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com