



# 1812L200THPR Information



For Reference Only

Part Number 1812L200THPR

Manufacturer Littelfuse Inc.

Category Circuit Protection
PTC Resettable Fuses

**Description** PTC 2.00A 8VDC RESETTABLE 1812L

Package 1812 (4532 Metric), Concave

For the pricing/inventory/lead time, please contact

us

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



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# **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.









# 1812L200THPR Specifications

Manufacturer Part Number         1812L200THPR           Manufacturer         Littelfuse Inc.           Category         Circuit Protection           PTC Resettable Fuses           Package         1812 (4532 Metric), Concave           Series         POLY-FUSE?, 1812L           Type         Polymeric           Voltage - Max         8V           Current - Max         100A           Current - Hold (lh) (Max)         2A           Current - Trip (lt)         3.5A           Time to Trip         2s           Resistance - Initial (Ri) (Min)         20 mOhms           Resistance - Post Trip (R1) (Max)         70 mOhms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Surface Mount           Package / Case         1812 (4532 Metric), Concave           Size / Dimension         0.179" L x 0.128" W (4.55mm x 3.24mm)           Height - Seated (Max)         -           Thickness (Max)         0.024" (0.60mm)	•	
Category         Circuit Protection           Package         1812 (4532 Metric), Concave           Series         POLY-FUSE?, 1812L           Type         Polymeric           Voltage - Max         8V           Current - Max         100A           Current - Hold (lh) (Max)         2A           Current - Trip (lt)         3.5A           Time to Trip         2s           Resistance - Initial (Ri) (Min)         20 mOhms           Resistance - Post Trip (R1) (Max)         70 mOhms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Surface Mount           Package / Case         1812 (4532 Metric), Concave           Size / Dimension         0.179" L x 0.128" W (4.55mm x 3.24mm)           Height - Seated (Max)         -	Manufacturer Part Number	1812L200THPR
Package         1812 (4532 Metric), Concave           Series         POLY-FUSE?, 1812L           Type         Polymeric           Voltage - Max         8V           Current - Max         100A           Current - Hold (lh) (Max)         2A           Current - Trip (It)         3.5A           Time to Trip         2s           Resistance - Initial (Ri) (Min)         20 mOhms           Resistance - Post Trip (R1) (Max)         70 mOhms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Surface Mount           Package / Case         1812 (4532 Metric), Concave           Size / Dimension         0.179" L x 0.128" W (4.55mm x 3.24mm)           Height - Seated (Max)         -	Manufacturer	Littelfuse Inc.
Package         1812 (4532 Metric), Concave           Series         POLY-FUSE?, 1812L           Type         Polymeric           Voltage - Max         8V           Current - Max         100A           Current - Hold (Ih) (Max)         2A           Current - Trip (It)         3.5A           Time to Trip         2s           Resistance - Initial (Ri) (Min)         20 mOhms           Resistance - Post Trip (R1) (Max)         70 mOhms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Surface Mount           Package / Case         1812 (4532 Metric), Concave           Size / Dimension         0.179" L x 0.128" W (4.55mm x 3.24mm)           Height - Seated (Max)         -	Category	Circuit Protection
Series         POLY-FUSE?, 1812L           Type         Polymeric           Voltage - Max         8V           Current - Max         100A           Current - Hold (Ih) (Max)         2A           Current - Trip (It)         3.5A           Time to Trip         2s           Resistance - Initial (Ri) (Min)         20 mOhms           Resistance - Post Trip (R1) (Max)         70 mOhms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Surface Mount           Package / Case         1812 (4532 Metric), Concave           Size / Dimension         0.179" L x 0.128" W (4.55mm x 3.24mm)           Height - Seated (Max)         -		PTC Resettable Fuses
Type       Polymeric         Voltage - Max       8V         Current - Max       100A         Current - Hold (lh) (Max)       2A         Current - Trip (It)       3.5A         Time to Trip       2s         Resistance - Initial (Ri) (Min)       20 mOhms         Resistance - Post Trip (R1) (Max)       70 mOhms         Resistance - 25°C (Typ)       -         Operating Temperature       -40°C ~ 85°C         Ratings       -         Mounting Type       Surface Mount         Package / Case       1812 (4532 Metric), Concave         Size / Dimension       0.179" L x 0.128" W (4.55mm x 3.24mm)         Height - Seated (Max)       -	Package	1812 (4532 Metric), Concave
Voltage - Max       8V         Current - Max       100A         Current - Hold (Ih) (Max)       2A         Current - Trip (It)       3.5A         Time to Trip       2s         Resistance - Initial (Ri) (Min)       20 mOhms         Resistance - Post Trip (R1) (Max)       70 mOhms         Resistance - 25°C (Typ)       -         Operating Temperature       -40°C ~ 85°C         Ratings       -         Mounting Type       Surface Mount         Package / Case       1812 (4532 Metric), Concave         Size / Dimension       0.179" L x 0.128" W (4.55mm x 3.24mm)         Height - Seated (Max)       -	Series	POLY-FUSE?, 1812L
Current - Max       100A         Current - Hold (Ih) (Max)       2A         Current - Trip (It)       3.5A         Time to Trip       2s         Resistance - Initial (Ri) (Min)       20 mOhms         Resistance - Post Trip (R1) (Max)       70 mOhms         Resistance - 25°C (Typ)       -         Operating Temperature       -40°C ~ 85°C         Ratings       -         Mounting Type       Surface Mount         Package / Case       1812 (4532 Metric), Concave         Size / Dimension       0.179" L x 0.128" W (4.55mm x 3.24mm)         Height - Seated (Max)       -	Type	Polymeric
Current - Hold (Ih) (Max)       2A         Current - Trip (It)       3.5A         Time to Trip       2s         Resistance - Initial (Ri) (Min)       20 mOhms         Resistance - Post Trip (R1) (Max)       70 mOhms         Resistance - 25°C (Typ)       -         Operating Temperature       -40°C ~ 85°C         Ratings       -         Mounting Type       Surface Mount         Package / Case       1812 (4532 Metric), Concave         Size / Dimension       0.179" L x 0.128" W (4.55mm x 3.24mm)         Height - Seated (Max)       -	Voltage - Max	8V
Current - Trip (It)  3.5A  Time to Trip  2s  Resistance - Initial (Ri) (Min)  20 mOhms  Resistance - Post Trip (R1) (Max)  Resistance - 25°C (Typ)  - Operating Temperature  -40°C ~ 85°C  Ratings  - Mounting Type  Surface Mount  Package / Case  1812 (4532 Metric), Concave  Size / Dimension  Height - Seated (Max)  -  3.5A  3.5A  3.5A  2s  3.5A  2n  3.5A  2n  3.5A  2n  80  80  80  80  80  80  80  80  80  8	Current - Max	100A
Time to Trip  Resistance - Initial (Ri) (Min)  Resistance - Post Trip (R1) (Max)  Resistance - 25°C (Typ)  Operating Temperature  -40°C ~ 85°C  Ratings  -  Mounting Type  Surface Mount  Package / Case  1812 (4532 Metric), Concave  Size / Dimension  0.179" L x 0.128" W (4.55mm x 3.24mm)  Height - Seated (Max)  -	Current - Hold (Ih) (Max)	2A
Resistance - Initial (Ri) (Min)  Resistance - Post Trip (R1) (Max)  Resistance - 25°C (Typ)  Operating Temperature  -40°C ~ 85°C  Ratings  -  Mounting Type  Surface Mount  Package / Case  1812 (4532 Metric), Concave  Size / Dimension  0.179" L x 0.128" W (4.55mm x 3.24mm)  Height - Seated (Max)  -	Current - Trip (It)	3.5A
Resistance - Post Trip (R1) (Max)  Resistance - 25°C (Typ)  Operating Temperature  -40°C ~ 85°C  Ratings  - Mounting Type  Surface Mount  Package / Case  1812 (4532 Metric), Concave  Size / Dimension  0.179" L x 0.128" W (4.55mm x 3.24mm)  Height - Seated (Max)  -	Time to Trip	2s
Resistance - 25°C (Typ)  Operating Temperature  -40°C ~ 85°C  Ratings  -  Mounting Type  Surface Mount  Package / Case  1812 (4532 Metric), Concave  Size / Dimension  0.179" L x 0.128" W (4.55mm x 3.24mm)  Height - Seated (Max)  -	Resistance - Initial (Ri) (Min)	20 mOhms
Operating Temperature -40°C ~ 85°C  Ratings -  Mounting Type Surface Mount  Package / Case 1812 (4532 Metric), Concave  Size / Dimension 0.179" L x 0.128" W (4.55mm x 3.24mm)  Height - Seated (Max) -	Resistance - Post Trip (R1) (Max)	70 mOhms
Ratings -  Mounting Type Surface Mount  Package / Case 1812 (4532 Metric), Concave  Size / Dimension 0.179" L x 0.128" W (4.55mm x 3.24mm)  Height - Seated (Max) -	Resistance - 25°C (Typ)	-
Mounting Type Surface Mount Package / Case 1812 (4532 Metric), Concave Size / Dimension 0.179" L x 0.128" W (4.55mm x 3.24mm) Height - Seated (Max) -	Operating Temperature	-40°C ~ 85°C
Package / Case 1812 (4532 Metric), Concave Size / Dimension 0.179" L x 0.128" W (4.55mm x 3.24mm) Height - Seated (Max) -	Ratings	-
Size / Dimension         0.179" L x 0.128" W (4.55mm x 3.24mm)           Height - Seated (Max)         -	Mounting Type	Surface Mount
Height - Seated (Max)	Package / Case	1812 (4532 Metric), Concave
•	Size / Dimension	0.179" L x 0.128" W (4.55mm x 3.24mm)
Thickness (Max) 0.024" (0.60mm)	Height - Seated (Max)	-
	Thickness (Max)	0.024" (0.60mm)
Lead Spacing -	Lead Spacing	-
Report errors?		Report errors?

### 1812L200THPR 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.

# 1812L200THPR Payment Methods



















### **1812L200THPR Shipping Methods**













If you have any question about 1812L200THPR, please do not hesitate to contact us!

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