



# **TRF250-120US Information**



For Reference Only

Part Number TRF250-120US

Manufacturer Littelfuse Inc.

Category Circuit Protection
PTC Resettable Fuses

**Description** POLYSWITCH PTC RESET 0.12A RADIA

Package Radial, Disc

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**

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# **TRF250-120US Specifications**

Manufacturer Part Number         TRF250-120US           Manufacturer         Littelfuse Inc.           Category         Circuit Protection           Package         Radial, Disc           Series         PolySwitch?, TRF250           Type         Polymeric           Voltage - Max         60V (250V Int)           Current - Max         3A           Current - Hold (lh) (Max)         120mA           Current - Trip (lt)         240mA           Time to Trip         2s           Resistance - Initial (Ri) (Min)         6 Ohms           Resistance - Post Trip (R1) (Max)         16 Ohms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Through Hole           Package / Case         Radial, Disc           Size / Dimension         0.236" L x 0.150" W (6.00mm x 3.80mm)           Height - Seated (Max)         0.394" (10.00mm)           Thickness (Max)         -           Lead Spacing         0.197" (5.00mm)	*	
Category         Circuit Protection           Package         Radial, Disc           Series         PolySwitch?, TRF250           Type         Polymeric           Voltage - Max         60V (250V Int)           Current - Max         3A           Current - Hold (Ih) (Max)         120mA           Current - Trip (It)         240mA           Time to Trip         2s           Resistance - Initial (Ri) (Min)         6 Ohms           Resistance - Post Trip (R1) (Max)         16 Ohms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Through Hole           Package / Case         Radial, Disc           Size / Dimension         0.236" L x 0.150" W (6.00mm x 3.80mm)           Height - Seated (Max)         0.394" (10.00mm)           Thickness (Max)         -           Lead Spacing         0.197" (5.00mm)	Manufacturer Part Number	TRF250-120US
Package         Radial, Disc           Series         PolySwitch?, TRF250           Type         Polymeric           Voltage - Max         60V (250V Int)           Current - Max         3A           Current - Hold (Ih) (Max)         120mA           Current - Trip (It)         240mA           Time to Trip         2s           Resistance - Initial (Ri) (Min)         6 Ohms           Resistance - Post Trip (R1) (Max)         16 Ohms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Through Hole           Package / Case         Radial, Disc           Size / Dimension         0.236" L x 0.150" W (6.00mm x 3.80mm)           Height - Seated (Max)         0.394" (10.00mm)           Thickness (Max)         -           Lead Spacing         0.197" (5.00mm)	Manufacturer	Littelfuse Inc.
Package         Radial, Disc           Series         PolySwitch?, TRF250           Type         Polymeric           Voltage - Max         60V (250V Int)           Current - Max         3A           Current - Hold (lh) (Max)         120mA           Current - Trip (It)         240mA           Time to Trip         2s           Resistance - Initial (Ri) (Min)         6 Ohms           Resistance - Post Trip (R1) (Max)         16 Ohms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Through Hole           Package / Case         Radial, Disc           Size / Dimension         0.236" L x 0.150" W (6.00mm x 3.80mm)           Height - Seated (Max)         0.394" (10.00mm)           Thickness (Max)         -           Lead Spacing         0.197" (5.00mm)	Category	Circuit Protection
Series         PolySwitch?, TRF250           Type         Polymeric           Voltage - Max         60V (250V Int)           Current - Max         3A           Current - Hold (Ih) (Max)         120mA           Current - Trip (It)         240mA           Time to Trip         2s           Resistance - Initial (Ri) (Min)         6 Ohms           Resistance - Post Trip (R1) (Max)         16 Ohms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Through Hole           Package / Case         Radial, Disc           Size / Dimension         0.236" L x 0.150" W (6.00mm x 3.80mm)           Height - Seated (Max)         0.394" (10.00mm)           Thickness (Max)         -           Lead Spacing         0.197" (5.00mm)		PTC Resettable Fuses
Type         Polymeric           Voltage - Max         60V (250V Int)           Current - Max         3A           Current - Hold (lh) (Max)         120mA           Current - Trip (It)         240mA           Time to Trip         2s           Resistance - Initial (Ri) (Min)         6 Ohms           Resistance - Post Trip (R1) (Max)         16 Ohms           Resistance - 25°C (Typ)         -           Operating Temperature         -40°C ~ 85°C           Ratings         -           Mounting Type         Through Hole           Package / Case         Radial, Disc           Size / Dimension         0.236" L x 0.150" W (6.00mm x 3.80mm)           Height - Seated (Max)         0.394" (10.00mm)           Thickness (Max)         -           Lead Spacing         0.197" (5.00mm)	Package	Radial, Disc
Voltage - Max       60V (250V Int)         Current - Max       3A         Current - Hold (Ih) (Max)       120mA         Current - Trip (It)       240mA         Time to Trip       2s         Resistance - Initial (Ri) (Min)       6 Ohms         Resistance - Post Trip (R1) (Max)       16 Ohms         Resistance - 25°C (Typ)       -         Operating Temperature       -40°C ~ 85°C         Ratings       -         Mounting Type       Through Hole         Package / Case       Radial, Disc         Size / Dimension       0.236" L x 0.150" W (6.00mm x 3.80mm)         Height - Seated (Max)       0.394" (10.00mm)         Thickness (Max)       -         Lead Spacing       0.197" (5.00mm)	Series	PolySwitch?, TRF250
Current - Max       3A         Current - Hold (lh) (Max)       120mA         Current - Trip (It)       240mA         Time to Trip       2s         Resistance - Initial (Ri) (Min)       6 Ohms         Resistance - Post Trip (R1) (Max)       16 Ohms         Resistance - 25°C (Typ)       -         Operating Temperature       -40°C ~ 85°C         Ratings       -         Mounting Type       Through Hole         Package / Case       Radial, Disc         Size / Dimension       0.236" L x 0.150" W (6.00mm x 3.80mm)         Height - Seated (Max)       0.394" (10.00mm)         Thickness (Max)       -         Lead Spacing       0.197" (5.00mm)	Туре	Polymeric
Current - Hold (Ih) (Max)       120mA         Current - Trip (It)       240mA         Time to Trip       2s         Resistance - Initial (Ri) (Min)       6 Ohms         Resistance - Post Trip (R1) (Max)       16 Ohms         Resistance - 25°C (Typ)       -         Operating Temperature       -40°C ~ 85°C         Ratings       -         Mounting Type       Through Hole         Package / Case       Radial, Disc         Size / Dimension       0.236" L x 0.150" W (6.00mm x 3.80mm)         Height - Seated (Max)       0.394" (10.00mm)         Thickness (Max)       -         Lead Spacing       0.197" (5.00mm)	Voltage - Max	60V (250V Int)
Current - Trip (It)       240mA         Time to Trip       2s         Resistance - Initial (Ri) (Min)       6 Ohms         Resistance - Post Trip (R1) (Max)       16 Ohms         Resistance - 25°C (Typ)       -         Operating Temperature       -40°C ~ 85°C         Ratings       -         Mounting Type       Through Hole         Package / Case       Radial, Disc         Size / Dimension       0.236" L x 0.150" W (6.00mm x 3.80mm)         Height - Seated (Max)       0.394" (10.00mm)         Thickness (Max)       -         Lead Spacing       0.197" (5.00mm)	Current - Max	3A
Time to Trip       2s         Resistance - Initial (Ri) (Min)       6 Ohms         Resistance - Post Trip (R1) (Max)       16 Ohms         Resistance - 25°C (Typ)       -         Operating Temperature       -40°C ~ 85°C         Ratings       -         Mounting Type       Through Hole         Package / Case       Radial, Disc         Size / Dimension       0.236" L x 0.150" W (6.00mm x 3.80mm)         Height - Seated (Max)       0.394" (10.00mm)         Thickness (Max)       -         Lead Spacing       0.197" (5.00mm)	Current - Hold (Ih) (Max)	120mA
Resistance - Initial (Ri) (Min)  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  0.236" L x 0.150" W (6.00mm x 3.80mm)  Height - Seated (Max)  Thickness (Max)  - Lead Spacing  0.197" (5.00mm)	Current - Trip (It)	240mA
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  0.236" L x 0.150" W (6.00mm x 3.80mm)  Height - Seated (Max)  Thickness (Max)  - Lead Spacing  16 Ohms  17 Ohms  18	Time to Trip	2s
Resistance - 25°C (Typ)  Operating Temperature  -40°C ~ 85°C  Ratings  - Mounting Type  Through Hole  Package / Case  Radial, Disc  Size / Dimension  0.236" L x 0.150" W (6.00mm x 3.80mm)  Height - Seated (Max)  Thickness (Max)  - Lead Spacing  0.197" (5.00mm)	Resistance - Initial (Ri) (Min)	6 Ohms
Operating Temperature -40°C ~ 85°C Ratings - Mounting Type Through Hole Package / Case Radial, Disc Size / Dimension 0.236" L x 0.150" W (6.00mm x 3.80mm) Height - Seated (Max) 0.394" (10.00mm) Thickness (Max) - Lead Spacing 0.197" (5.00mm)	Resistance - Post Trip (R1) (Max)	16 Ohms
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Package / Case         Radial, Disc           Size / Dimension         0.236" L x 0.150" W (6.00mm x 3.80mm)           Height - Seated (Max)         0.394" (10.00mm)           Thickness (Max)         -           Lead Spacing         0.197" (5.00mm)	Ratings	-
Size / Dimension       0.236" L x 0.150" W (6.00mm x 3.80mm)         Height - Seated (Max)       0.394" (10.00mm)         Thickness (Max)       -         Lead Spacing       0.197" (5.00mm)	Mounting Type	Through Hole
Height - Seated (Max)       0.394" (10.00mm)         Thickness (Max)       -         Lead Spacing       0.197" (5.00mm)	Package / Case	Radial, Disc
Thickness (Max) Lead Spacing - 0.197" (5.00mm)	Size / Dimension	0.236" L x 0.150" W (6.00mm x 3.80mm)
Lead Spacing 0.197" (5.00mm)	Height - Seated (Max)	0.394" (10.00mm)
	Thickness (Max)	-
Report errors?	Lead Spacing	0.197" (5.00mm)
Report crisis:		Report errors?

### **TRF250-120US 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.

### **TRF250-120US Payment Methods**





















### **TRF250-120US Shipping Methods**













If you have any question about TRF250-120US, please do not hesitate to contact us!

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