

### **744045471 Information**



For Reference Only

**Part Number** 744045471

Manufacturer Wurth Electronics Inc.

Category Inductors, Coils, Chokes

**Fixed Inductors** 

**Description** FIXED IND 470UH 105MA 14.2 OHM

Package 1812 (4532 Metric)

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.









# 744045471 Specifications

Manufacturer         Wurth Electronics Inc.           Category         Inductors, Coils, Chokes           Fixed Inductors           Package         1812 (4532 Metric)           Series         WE-LQ           Type         Wirewound           Material - Core         Ferrite           Inductance         470μH           Tolerance         ±10%           Current Rating         105mA           Current - Saturation         180mA           Shielding         Unshielded           DC Resistance (DCR)         14.2 Ohm Max           Q @ Freq         50 @ 796kHz	Manufacturer Part Number	744045471
Fixed Inductors	Manufacturer	Wurth Electronics Inc.
Package       1812 (4532 Metric)         Series       WE-LQ         Type       Wirewound         Material - Core       Ferrite         Inductance       470μH         Tolerance       ±10%         Current Rating       105mA         Current - Saturation       180mA         Shielding       Unshielded         DC Resistance (DCR)       14.2 Ohm Max         Q @ Freq       50 @ 796kHz	Category	Inductors, Coils, Chokes
Series         WE-LQ           Type         Wirewound           Material - Core         Ferrite           Inductance         470μH           Tolerance         ±10%           Current Rating         105mA           Current - Saturation         180mA           Shielding         Unshielded           DC Resistance (DCR)         14.2 Ohm Max           Q @ Freq         50 @ 796kHz		Fixed Inductors
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$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Series	WE-LQ
Inductance $470\mu H$ Tolerance $\pm 10\%$ Current Rating $105mA$ Current - Saturation $180mA$ ShieldingUnshieldedDC Resistance (DCR) $14.2 \text{ Ohm Max}$ Q @ Freq $50 \text{ @ }796kHz$	Туре	Wirewound
Tolerance $\pm 10\%$ Current Rating $105\text{mA}$ Current - Saturation $180\text{mA}$ ShieldingUnshieldedDC Resistance (DCR) $14.2 \text{ Ohm Max}$ Q @ Freq $50 \text{ @ }796\text{kHz}$	Material - Core	Ferrite
Current Rating 105mA Current - Saturation 180mA Shielding Unshielded DC Resistance (DCR) 14.2 Ohm Max Q @ Freq 50 @ 796kHz	Inductance	470μΗ
Current - Saturation 180mA Shielding Unshielded DC Resistance (DCR) 14.2 Ohm Max Q @ Freq 50 @ 796kHz	Tolerance	±10%
Shielding  DC Resistance (DCR)  14.2 Ohm Max  Q @ Freq  50 @ 796kHz	Current Rating	105mA
DC Resistance (DCR)  Q @ Freq  14.2 Ohm Max  50 @ 796kHz	Current - Saturation	180mA
Q @ Freq 50 @ 796kHz	Shielding	Unshielded
-	DC Resistance (DCR)	14.2 Ohm Max
E CACE (STATE	Q @ Freq	50 @ 796kHz
Frequency - Self Resonant SMHz	Frequency - Self Resonant	5MHz
Ratings -	Ratings	-
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Operating Temperature	-40°C ~ 125°C
Frequency - Test 1MHz	Frequency - Test	1MHz
Features -	Features	-
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 1812 (4532 Metric)	Package / Case	1812 (4532 Metric)
Supplier Device Package 1812	Supplier Device Package	1812
Size / Dimension 0.177" L x 0.126" W (4.50mm x 3.20mm)	Size / Dimension	0.177" L x 0.126" W (4.50mm x 3.20mm)

Height - Seated (Max) 0.114" (2.90mm) Report errors?

#### **744045471 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.

### 744045471 Payment Methods





















## 744045471 Shipping Methods













If you have any question about 744045471, please do not hesitate to contact us!

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