

**AIML-0603-6R8K-T Information**


For Reference Only


















**Part Number** [AIML-0603-6R8K-T](#)  
**Manufacturer** Abracon LLC  
**Category** Inductors, Coils, Chokes  
[Fixed Inductors](#)  
**Description** FIXED IND 6.8UH 5MA 1.7 OHM SMD  
**Package** 0603 (1608 Metric)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**AIML-0603-6R8K-T Specifications**

Manufacturer Part Number	<a href="#">AIML-0603-6R8K-T</a>
Manufacturer	Abracon LLC
Category	Inductors, Coils, Chokes <a href="#">Fixed Inductors</a>
Package	0603 (1608 Metric)
Series	AIML-0603
Type	Multilayer
Material - Core	Ferrite
Inductance	6.8μH
Tolerance	±10%
Current Rating	5mA
Current - Saturation	-
Shielding	Shielded
DC Resistance (DCR)	1.7 Ohm Max
Q @ Freq	35 @ 4MHz
Frequency - Self Resonant	40MHz
Ratings	-
Operating Temperature	-55°C ~ 125°C
Frequency - Test	4MHz
Features	-
Mounting Type	Surface Mount
Package / Case	0603 (1608 Metric)
Supplier Device Package	0603 (1608 Metric)
Size / Dimension	0.063" L x 0.031" W (1.60mm x 0.80mm)

Height - Seated (Max)	0.037" (0.95mm)	<a href="#">Report errors?</a>
<b>AIML-0603-6R8K-T Guarantees</b>		
<div>  <div> <b>Quality Guarantees</b>            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.         </div> </div>		
<div>  <div> <b>Service Guarantees</b>            We guarantee 100% customer satisfaction.            Our experienced sales team and tech support team back our services to satisfy all our customers.         </div> </div>		
<b>AIML-0603-6R8K-T Payment Methods</b>		
        		
<b>AIML-0603-6R8K-T Shipping Methods</b>		
     		

If you have any question about AIML-0603-6R8K-T, please do not hesitate to contact us!

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)