

LTF5022T-101MR45-LC Inductors(Coils)

Applications	Commercial Grade
Feature	Wire Wound Wire Wound Shield Magnetic Shield Ferrite Core Ferrite Core
Series	LTF Series / LTF5022 Type

Size	
Length(L)	5.20mm Nom.
Width(W)	5.00mm +/-0.10mm
Thickness(T)	2.20mm Max.
Recommended Land Pattern (A)	1.50mm Nom.
Recommended Land Pattern (B)	3.20mm Nom.
Recommended Land Pattern (C)	1.50mm Nom.

Electrical Characteristics	
Inductance	100uH +/-20% at 100kHz
Rated Current (L Change) [Max.]	450mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	530mA (40degC Rise)
DC Resistance [Nom.]	1.07Ω
DC Resistance [Max.]	1.28Ω

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	500Pcs Min.
Weight	0.17g

Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

