

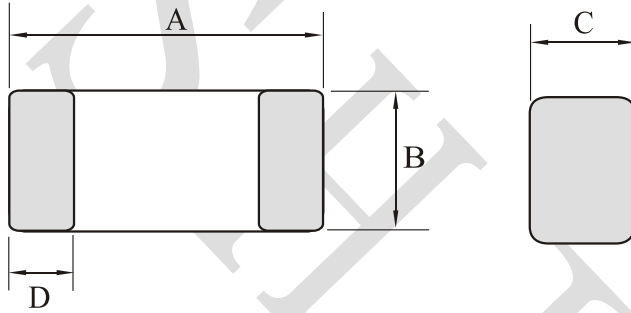


# SPECIFICATION FOR APPROVAL



CUSTOMER P/N	LQM21FN4R7N00L	SHINHOM P/N	AIML0805-4R7N-0.08A
HUMIDITY	(20°C) 48%	DATE	2022-12-05
NAME	Surface-mount multi-layer ferrite chip inductors		

## A Dimensions:

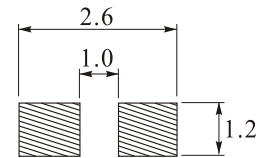


A	2.0±0.2	mm
B	1.25±0.2	mm
C	1.0Max	mm
D	0.5±0.3	mm

## B Electrical properties:

## C Soldering spec.:

Properties	Test conditions		Value	Unit	tol.
Inductance	1MHz,0.2V	L	4.7	uH	±20%
DC-resistance		RDC	0.39	Ω	Max
IDC		IDC	80	mA	Max
SRF		SRF	25	MHz	Min



## D Test equipment:

HP4294A  
VOAC-7412 for RDC

## E Test conditions:

Humidity: 48%  
Temperature: +20°C

## F General specifications:

Storage temperature: -55°C---+125°C  
operating temperature: -40°C---+125°C

Inspector		Check		Judge	
-----------	--	-------	--	-------	--

www.shinhom.com