

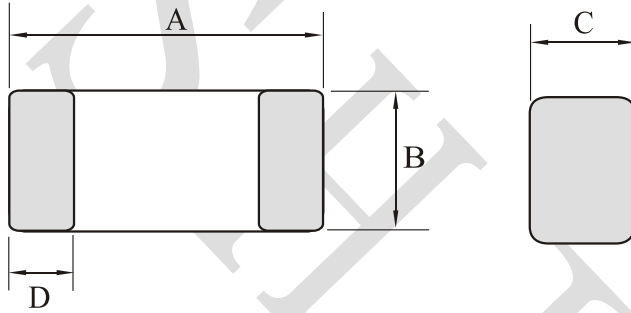


# SPECIFICATION FOR APPROVAL



CUSTOMER P/N	LQM21FN1R0N00D	SHINHOM P/N	AIML0805-1R0N-0.22A
HUMIDITY	(20°C) 48%	DATE	2022-12-05
NAME	Surface-mount multi-layer ferrite chip inductors		

## A Dimensions:

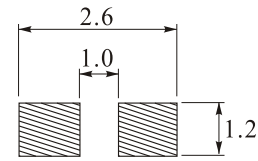


A	$2.0 \pm 0.2$	mm
B	$1.25 \pm 0.2$	mm
C	1.0Max	mm
D	$0.5 \pm 0.3$	mm

## B Electrical properties:

## C Soldering spec.:

Properties	Test conditions		Value	Unit	tol.
Inductance	1MHz,0.2V	L	1.0	uH	$\pm 20\%$
DC-resistance		RDC	0.26	$\Omega$	Max
IDC		IDC	220	mA	Max
SRF		SRF	105	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	
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