

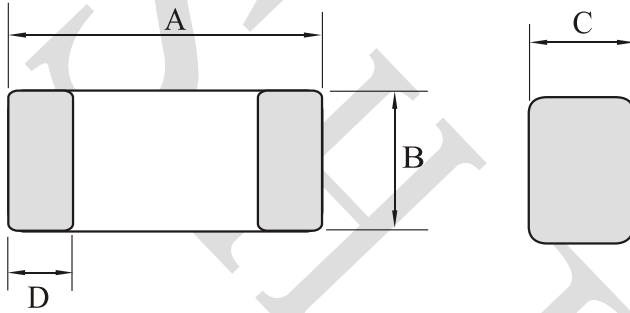


SPECIFICATION FOR APPROVAL



CUSTOMER P/N	LQM21NN1R0K10D	SHINHOM P/N	AIML0805-1R0K-0.05A
HUMIDITY	(20°C) 48%	DATE	2022-12-05
NAME	Surface-mount multi-layer ferrite chip inductors		

A Dimensions:

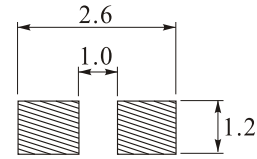


A	2.0 ± 0.2	mm
B	1.25 ± 0.2	mm
C	0.85 ± 0.2	mm
D	0.5 ± 0.3	mm

B Electrical properties:

C Soldering spec.:

Properties	Test conditions		Value	Unit	tol.
Inductance	10MHz,0.2V	L	1.0	uH	$\pm 10\%$
DC-resistance		RDC	0.4	Ω	Max
IDC		IDC	50	mA	Max
SRF		SRF	107	MHz	Min
Q	10MHz	Q	45		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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