

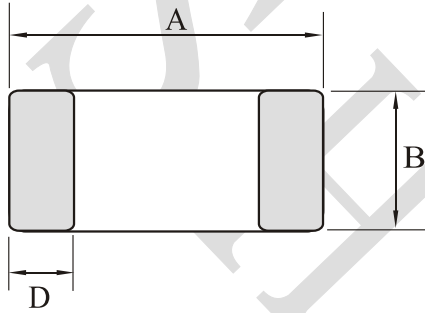


# SPECIFICATION FOR APPROVAL



CUSTOMER P/N	LQG18HN22NJ00D	SHINHOM P/N	AIML0603C-22NJ-0.5A
HUMIDITY	(20°C) 48%	DATE	2022-12-05
NAME	Surface-mount multi-layer ceramic chip inductors		

## A Dimensions:

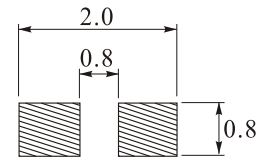


A	$1.6 \pm 0.15$	mm
B	$0.8 \pm 0.15$	mm
C	$0.8 \pm 0.15$	mm
D	$0.3 \pm 0.2$	mm

## B Electrical properties:

Properties	Test conditions		Value	Unit	tol.
Inductance	100MHz,0.2V	L	22	nH	$\pm 5\%$
DC-resistance		RDC	0.5	$\Omega$	Max
IDC		IDC	500	mA	Max
SRF		SRF	2300	MHz	Min
Q	100MHz	Q	12		Min

## C Soldering spec.:



## D Test equipment:

HP4294A  
VOAC-7412 for RDC

## E Test conditions:

Humidity: 48%  
Temperature: +20°C

## F General specifications:

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

Inspector		Check		Judge	
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