

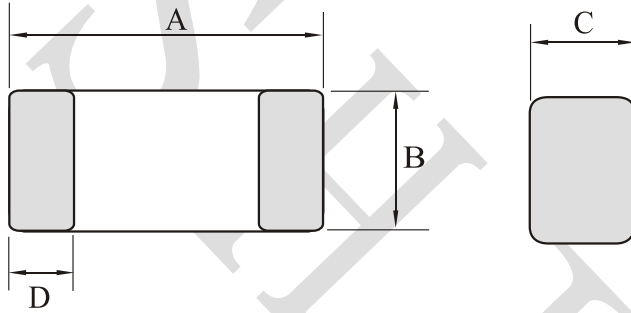


SPECIFICATION FOR APPROVAL



CUSTOMER P/N	LQM18FN100M00D	SHINHOM P/N	AIML0603-100M-0.05A
HUMIDITY	(20°C) 48%	DATE	2022-12-05
NAME	Surface-mount multi-layer ferrite chip inductors		

A Dimensions:

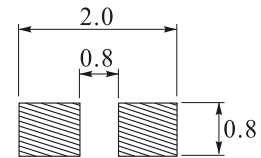


A	1.6 ± 0.15	mm
B	0.8 ± 0.15	mm
C	0.8 ± 0.15	mm
D	0.3 ± 0.2	mm

B Electrical properties:

C Soldering spec.:

Properties	Test conditions		Value	Unit	tol.
Inductance	1MHz,0.2V	L	10	uH	$\pm 20\%$
DC-resistance		RDC	1.17	Ω	Max
IDC		IDC	50	mA	Max
SRF		SRF	30	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.shinohm.com