

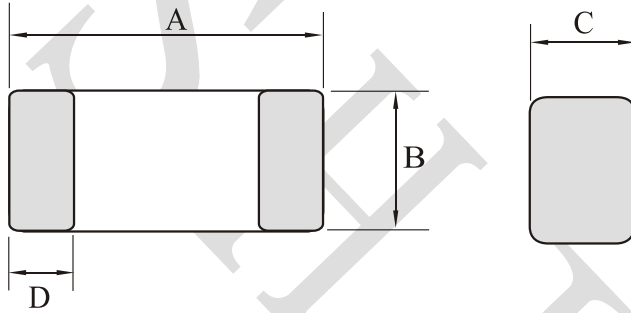


SPECIFICATION FOR APPROVAL



CUSTOMER P/N	MLZ2012N100LT	SHINHOM P/N	AIML0806-100L-0.11A
HUMIDITY	(20°C) 48%	DATE	2022-12-05
NAME	Surface-mount multi-layer ferrite chip inductors		

A Dimensions:

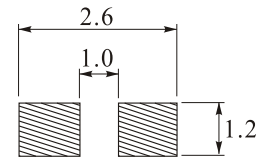


A	2.0 ± 0.2	mm
B	1.25 ± 0.2	mm
C	1.25 ± 0.2	mm
D	0.5 ± 0.3	mm

B Electrical properties:

C Soldering spec.:

Properties	Test conditions		Value	Unit	tol.
Inductance	2MHz,0.2V	L	10.0	uH	$\pm 20\%$
DC-resistance		RDC	0.3	Ω	$\pm 30\%$
Isat	Inductance dorp 50% Max	Isat	110	mA	Max
Irms	Temp. rise 40°C Max	Irms	500	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.shinohm.com