

SPECIFICATION FOR APPROVAL

CUSTOMER:	DATE:
PART NO: NR2512-100M	DWG.NO: CU2336271
CUSTOMER PART NO:	CUST.DWG.NO:

(1) DIMENSION(UNIT: mm)

The drawing includes the following dimensions and features:

- Top view: A square with a crosshair in the center. Dimension: 2.5 ± 0.2 mm.
- Side view: Shows the component's profile. Dimension: 1.2 Max.
- Recommended Land Pattern: Shows a cross-section of the component on a PCB. Dimensions: 2.0 ± 0.2 mm for the central gap, and 0.85 ± 0.1 mm for the land width on both sides.
- Another side view: Shows the component with a crosshair. Dimensions: 0.9 mm for the land width, 0.8 mm for the central gap, and 2.1 mm for the total width.

UNIT: mm

(2) ELECTRICAL REQUIREMENTS	
L (uH)	$10 \pm 20\%$
RDC (Ω)	0.48 (MAX)
IDC (A)	1.05 (MAX)
TEST CONDITION	1MHZ / 0.1V

(4)REMARK: IDC for Inductance drop 30% from its value without current	APPROVED BY 吳載敏
	CHECKED BY 張明德
	DRAWN BY Lisa

TEST DATA

CUSTOMER:				DATE:			
PART NO: NR2512-100M				DWG.NO: CU2336271			
CUSTOMER PART NO :				CUST.DWG.NO :			
TEST CONDITION: 1MHZ / 0.1V							
ITEM	L (uH)	RDC (Ω)	IDC (A)	L	W	H	
SPEC	10 ± 20%	0.48 (MAX)	1.05 (MAX)	2.5 ± 0.2	2.0 ± 0.2	1.2 (MAX)	
1	9.58	0.441	OK	2.64	2.16	1.14	
2	9.64	0.443	OK	2.64	2.15	1.14	
3	9.62	0.439	OK	2.64	2.15	1.15	
4	9.70	0.429	OK	2.65	2.15	1.15	
5	9.75	0.444	OK	2.66	2.17	1.15	
6	9.54	0.427	OK	2.64	2.16	1.14	
7	9.02	0.438	OK	2.64	2.15	1.15	
8	9.59	0.441	OK	2.65	2.15	1.15	
9	9.69	0.437	OK	2.66	2.17	1.15	
10	9.75	0.436	OK	2.64	2.15	1.14	
\bar{X}	9.59	0.438		2.65	2.16	1.15	
R	0.73	0.017		0.02	0.02	0.01	
TEST INSTRUMENTS L/Q : HP-4286A、CH3302 RDC: CH16502				APPROVED BY 吳載敏			
				CHECKED BY 張明德			
				DRAWN BY Lisa			

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