



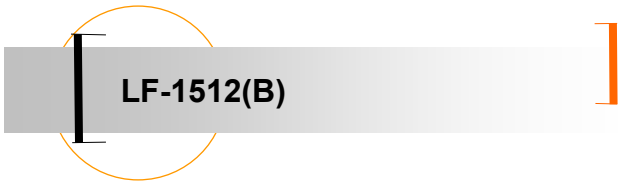
FORMOSA INDUCTOR CORP.
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PRODUCT SPECIFICATION

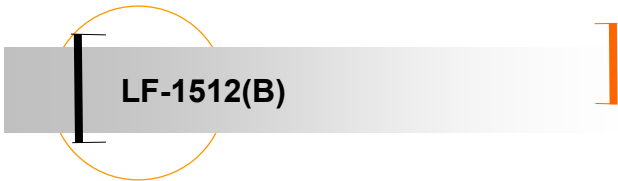
CUSTOMER	
CUSTOMER'S PRODUCT NAME	
FIC PART NUMBER	LF-1512(B)
FIC PRODUCT NAME	
DATE	

THE SPECIFICATION IS	
<input type="checkbox"/> Received Under The Following Condition	
<ul style="list-style-type: none"> ■ <u>Signature:</u> _____ ■ <u>Title:</u> _____ ■ <u>Date:</u> _____ 	<ul style="list-style-type: none"> ■ <u>Stamp</u>

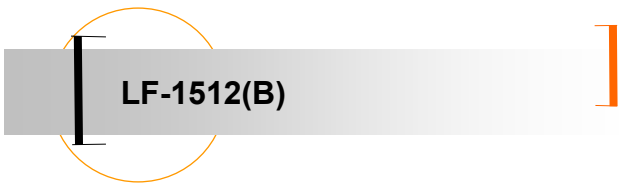
INDUCTOR ENGINEER DIVISION			SALES DIVISION	
PREPARED <i>Amy</i>	APPROVED <i>Monica</i>	AUTHORIZED <i>Jacky</i>	REVIEWED BY	AUTHORIZED <i>Jacky</i>



DIMENSION (Unit:mm)																									
	A	29.0 ± 1.0																							
	B	33.0 ± 1.0																							
	C	15.0 ± 0.5																							
	D	15.5 ± 1.0																							
	E	21.5 ± 1.0																							
ELECTRICAL REQUIREMENTS:																									
		TEST FREQ		REMARK:																					
		TEST FREQ																							
Z	30 -0 Ω	TEST FREQ	25 MHz																						
Z	70 -0 Ω	TEST FREQ	100 MHz																						
		TEST FREQ																							
COIL DATA	Qo= Lo= PF	TEST FREQ																							
Winding	0.65 Φ X 100 mm 2U.E.W 1 TS																								
<table border="1"> <thead> <tr> <th>CORE AΦ 尺寸(mm)</th> <th>缺口限度 (mm)</th> <th>缺口深度 (mm)</th> </tr> </thead> <tbody> <tr> <td>1-3</td> <td>0.08</td> <td>0.08</td> </tr> <tr> <td>3.1-5</td> <td>0.2</td> <td>0.2</td> </tr> <tr> <td>5.1-10</td> <td>0.5</td> <td>0.5</td> </tr> <tr> <td>10.1-14.9</td> <td>1</td> <td>1</td> </tr> <tr> <td>15-25.9</td> <td>1.5</td> <td>1.5</td> </tr> <tr> <td>26以上</td> <td>2</td> <td>2</td> </tr> </tbody> </table> <p>缺口尺寸檢驗依據如下表 缺口只要在允許範圍內不影響電極特性</p>					CORE AΦ 尺寸(mm)	缺口限度 (mm)	缺口深度 (mm)	1-3	0.08	0.08	3.1-5	0.2	0.2	5.1-10	0.5	0.5	10.1-14.9	1	1	15-25.9	1.5	1.5	26以上	2	2
CORE AΦ 尺寸(mm)	缺口限度 (mm)	缺口深度 (mm)																							
1-3	0.08	0.08																							
3.1-5	0.2	0.2																							
5.1-10	0.5	0.5																							
10.1-14.9	1	1																							
15-25.9	1.5	1.5																							
26以上	2	2																							
TEST INSTRUMENTS																									
1. IMPEDANCE ANALYZER: HP4286A																									



INSPECTION DATA														
PART NO.	LF-1512(B)													
ITEM														
COIL SPEC	0.65 Φ X 100 mm 2 U.E.W 1 TS													
COIL DATA	QO=	CO=	(PF)											
TEST FREQ	FO=	Hz Ft=25,100 MHz												
TEMPERATURE	15 °C	Humidity	90 %											
	ELECTRIC CHAREC.				DIMENSION(Unit:mm)									
	L	Q	Z	Z	A	B	C	D	E	F	G	H	I	
Spec			30.0	70.0	29.0	33.0	15.0	15.5	21.5					
+					1.00	1.00	0.50	1.00	1.00					
-			0	0	1.00	1.00	0.50	1.00	1.00					
1			43.00	106.0	28.73	32.92	14.99	15.51	21.55					
2			42.00	106.0	28.85	32.89	14.92	15.55	21.53					
3			43.00	105.0	28.71	32.99	14.99	15.42	21.52					
4			40.00	104.0	28.90	32.92	14.89	15.49	21.55					
5			39.00	105.0	28.82	33.00	14.92	15.45	21.53					
6			40.00	105.0	28.85	32.99	14.95	15.54	21.53					
7			41.00	106.0	28.78	33.02	14.88	15.47	21.52					
8			40.00	106.0	28.86	32.93	14.93	15.50	21.53					
9			42.00	105.0	28.90	32.96	14.95	15.44	21.55					
10			39.00	105.0	28.69	32.99	14.99	15.49	21.51					
X			40.90	105.3	28.81	32.96	14.94	15.49	21.53					
R			4.00	2.00	0.21	0.13	0.11	0.13	0.04					
TEST INSTRUMENTS														
1. IMPEDANCE ANALYZER: HP4286A														



Z-F RESPONSE - LF-1512(B)

