



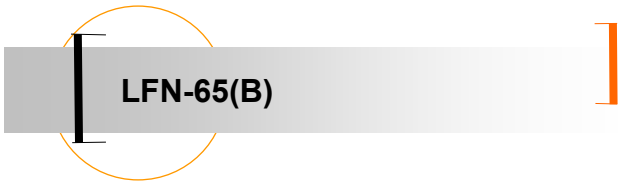
FORMOSA INDUCTOR CORP.
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PRODUCT SPECIFICATION

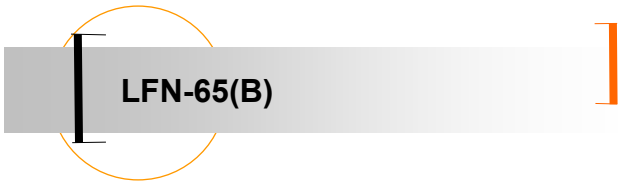
CUSTOMER	
CUSTOMER'S PRODUCT NAME	
FIC PART NUMBER	LFN-65(B)
FIC PRODUCT NAME	
DATE	

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>



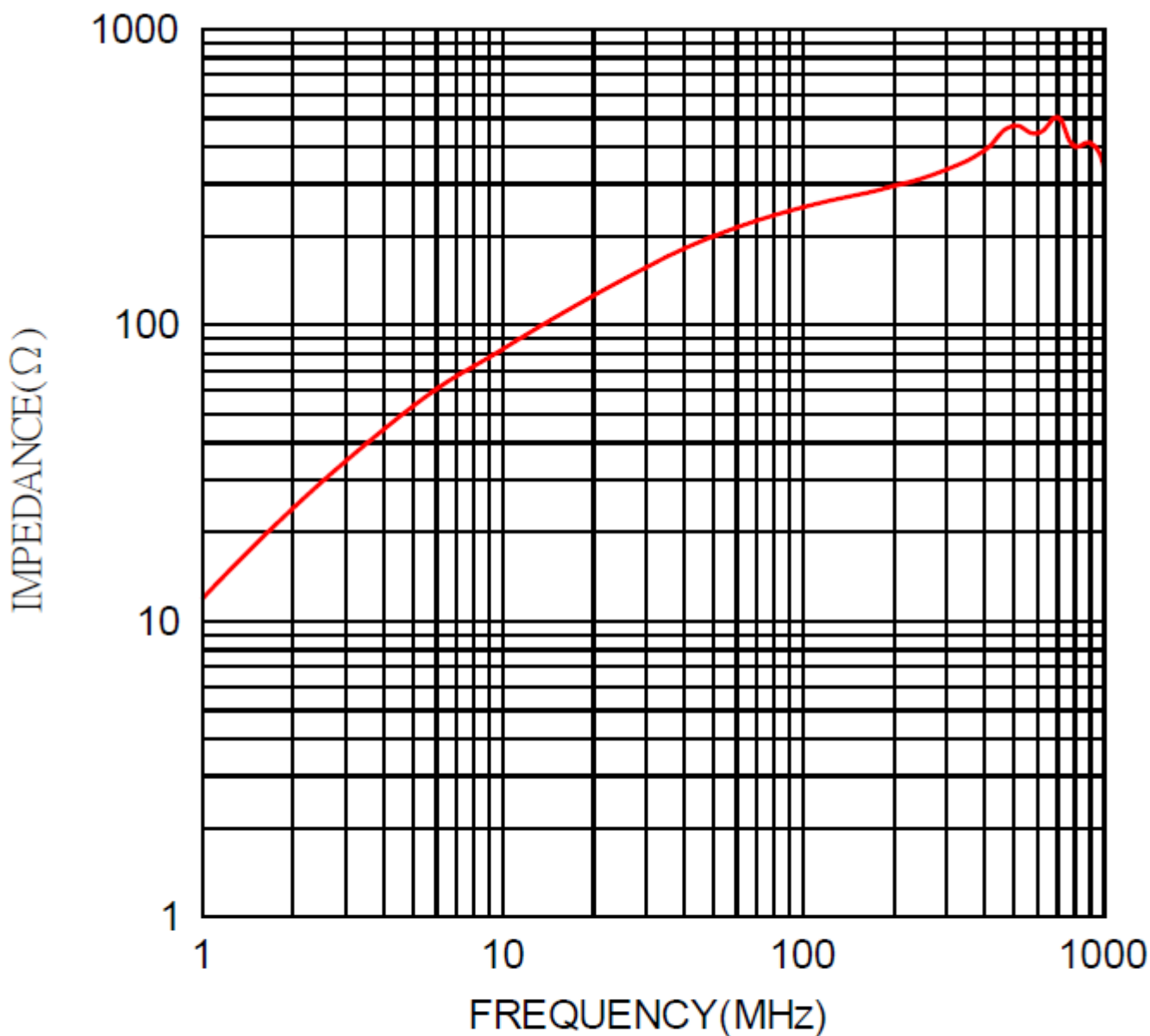
DIMENSION (Unit:mm)				
			A	20.5 ± 1.0
			B	20.0 ± 1.0
			C	6.50 ± 0.3
			D	33.0 ± 1.0
ELECTRICAL REQUIREMENTS:				
		TEST FREQ		REMARK:
		TEST FREQ		
Z	120 -0 Ω	TEST FREQ	25 MHz	
Z	200 -0 Ω	TEST FREQ	100 MHz	
		TEST FREQ		
COIL DATA	Qo= Lo= PF	TEST FREQ		
Winding	0.65 Φ X 100 mm 2U.E.W 1 TS			
TEST INSTRUMENTS				
1. IMPEDANCE ANALYZER: HP4286A				



INSPECTION DATA														
PART NO.	LFN-65(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	27 °C	Humidity	73 %											
	ELECTRIC CHAREC.				DIMENSION(Unit:mm)									
	L	Q	Z	Z	A	B	C	D	E	F	G	H	I	
Spec			120.0	200.0	20.5	20.0	6.50	33.0						
+					1.0	1.0	0.3	1.0						
-			0	0	1.0	1.0	0.3	1.0						
1			142.0	250.0	20.22	19.49	6.54	32.76						
2			140.0	251.0	20.20	19.42	6.60	32.71						
3			141.0	251.0	20.21	19.38	6.60	32.63						
4			141.0	251.0	20.33	19.36	6.50	32.61						
5			142.0	251.0	20.24	19.36	6.54	32.71						
6			141.0	250.0	20.21	19.34	6.43	32.77						
7			140.0	251.0	20.27	19.44	6.44	32.71						
8			142.0	251.0	20.25	19.33	6.46	32.71						
9			141.0	252.0	20.24	19.38	6.46	32.57						
10			142.0	250.0	20.24	19.33	6.51	32.70						
X			140.9	250.8	20.24	19.38	6.51	32.69						
R			2.00	2.00	0.13	0.16	0.17	0.20						
TEST INSTRUMENTS														
1. IMPEDANCE ANALYZER: HP4286A														



Z-F RESPONSE - LFN-65(B)



	1	5	10	25	50	100	200	300	400	500	600	700	800	900	1000
Z —	11.9	53	83	142	199	250	295	336	389	471	445	503	401	412	335

(DATA BETWEEN 500MHz AND 1000MHz ARE FOR REFERENCE ONLY)