



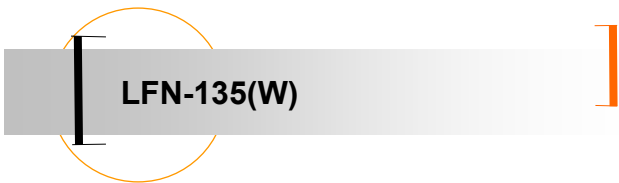
FORMOSA INDUCTOR CORP.
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PRODUCT SPECIFICATION

CUSTOMER	
CUSTOMER'S PRODUCT NAME	
FIC PART NUMBER	LFN-135(W)
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>



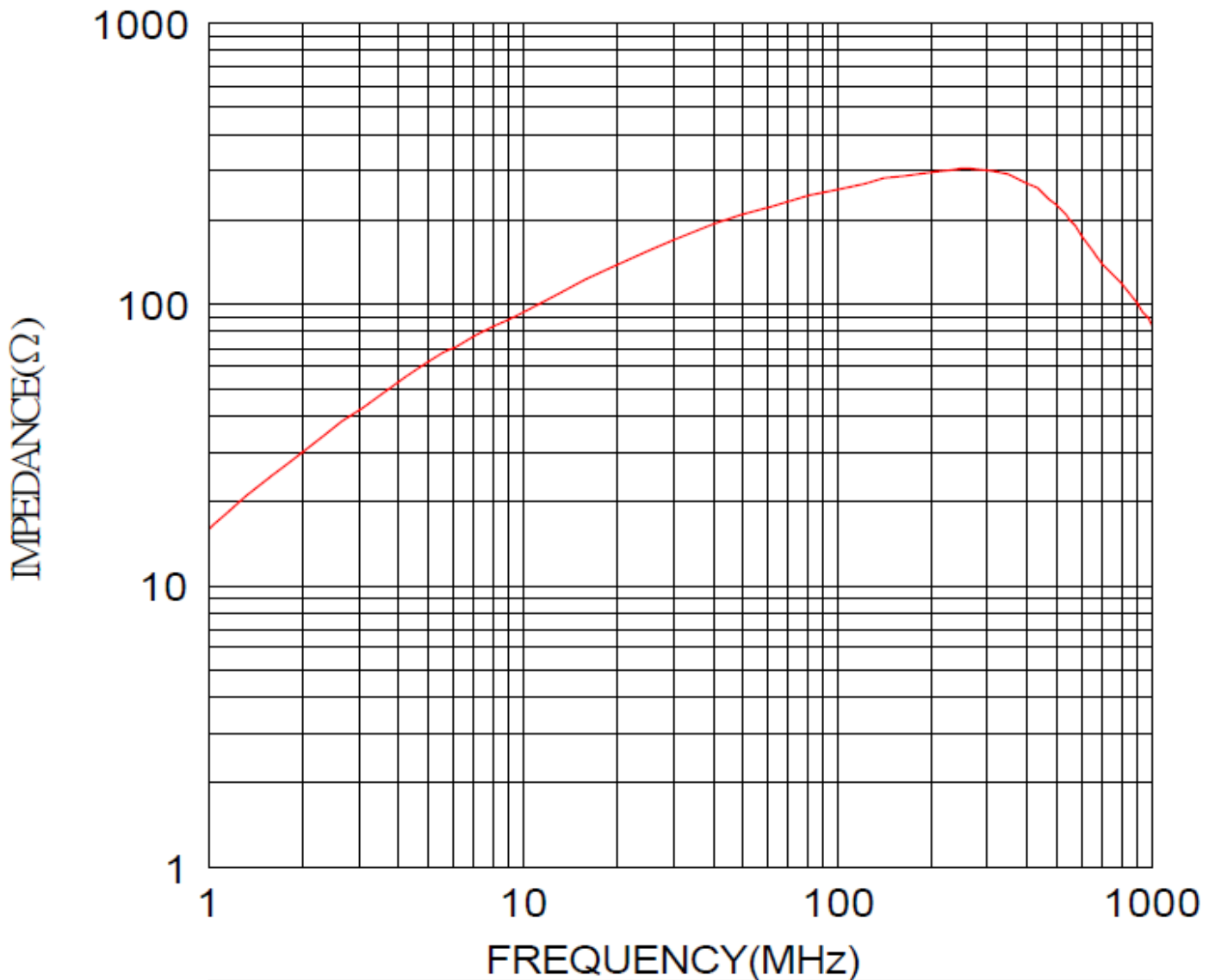
DIMENSION (Unit:mm)				
			A	31.5 ± 1.0
			B	30.0 ± 1.0
			C	13.0 ± 0.5
			D	33.0 ± 1.0
ELECTRICAL REQUIREMENTS:				
		TEST FREQ		REMARK:
		TEST FREQ		
Z	105 -0 Ω	TEST FREQ	25 MHz	
Z	170 -0 Ω	TEST FREQ	100 MHz	
		TEST FREQ		
COIL DATA	Qo= Lo= PF	TEST FREQ		
Winding	0.65 Φ X 100 mm 2U.E.W 1 TS			
TEST INSTRUMENTS				
1. RF LCR METER: HP4286A				



INSPECTION DATA														
PART NO.	LFN-135(W)													
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	28 °C	Humidity	73 %											
	ELECTRIC CHAREC.				DIMENSION(Unit:mm)									
	L	Q	Z	Z	A	B	C	D	E	F	G	H	I	
Spec			105.0	170.0	31.50	30.00	13.00	33.00						
+					1.00	1.00	0.50	1.00						
-			0	0	1.00	1.00	0.50	1.00						
1			136.0	245.0	31.80	30.30	12.87	33.50						
2			131.0	242.0	31.82	30.35	12.90	33.45						
3			135.0	243.0	31.85	30.36	12.92	33.45						
4			132.0	242.0	31.75	30.32	12.85	33.55						
5			126.0	241.0	31.78	30.30	12.95	33.50						
6			136.0	242.0	31.82	30.40	12.90	33.45						
7			136.0	247.0	31.85	30.35	12.90	33.42						
8			126.0	246.0	31.75	30.36	12.93	33.50						
9			126.0	241.0	31.80	30.40	12.90	33.50						
10			127.0	240.0	31.82	30.42	12.91	33.45						
X			131.1	242.9	31.80	30.36	12.90	33.48						
R			10.00	7.00	0.10	0.12	0.10	0.13						
TEST INSTRUMENTS														
1. RF LCR METER: HP4286A														



Z-F RESPONSE - LFN-135(W)



	1	5	10	25	50	100	200	300	400	500	600	700	800	900	1000
Z—	16	62	94	155	208	256	296	301	270	224	176	138	119	101	84

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