



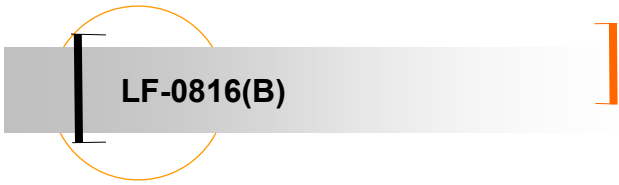
FORMOSA INDUCTOR CORP.  
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**PRODUCT SPECIFICATION**

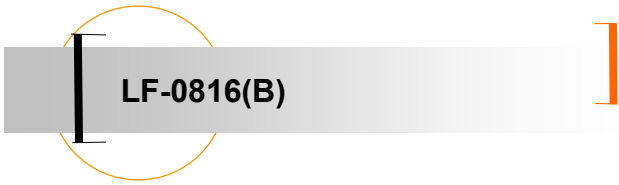
<b>CUSTOMER</b>	
<b>CUSTOMER'S PRODUCT NAME</b>	
<b>FIC PART NUMBER</b>	LF-0816(B)
<b>FIC PRODUCT NAME</b>	
<b>DATE</b>	

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

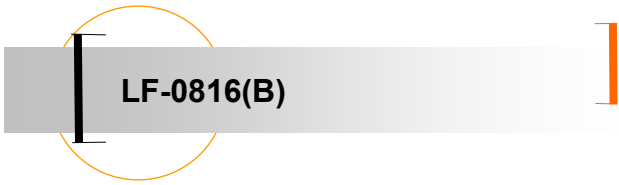
INDUCTOR ENGINEER DIVISION			SALES DIVISION	
<b>PREPARED</b> <i>Amy</i>	<b>APPROVED</b> <i>Monica</i>	<b>AUTHORIZED</b> <i>Jacky</i>	<b>REVIEWED BY</b>	<b>AUTHORIZED</b> <i>Jacky</i>



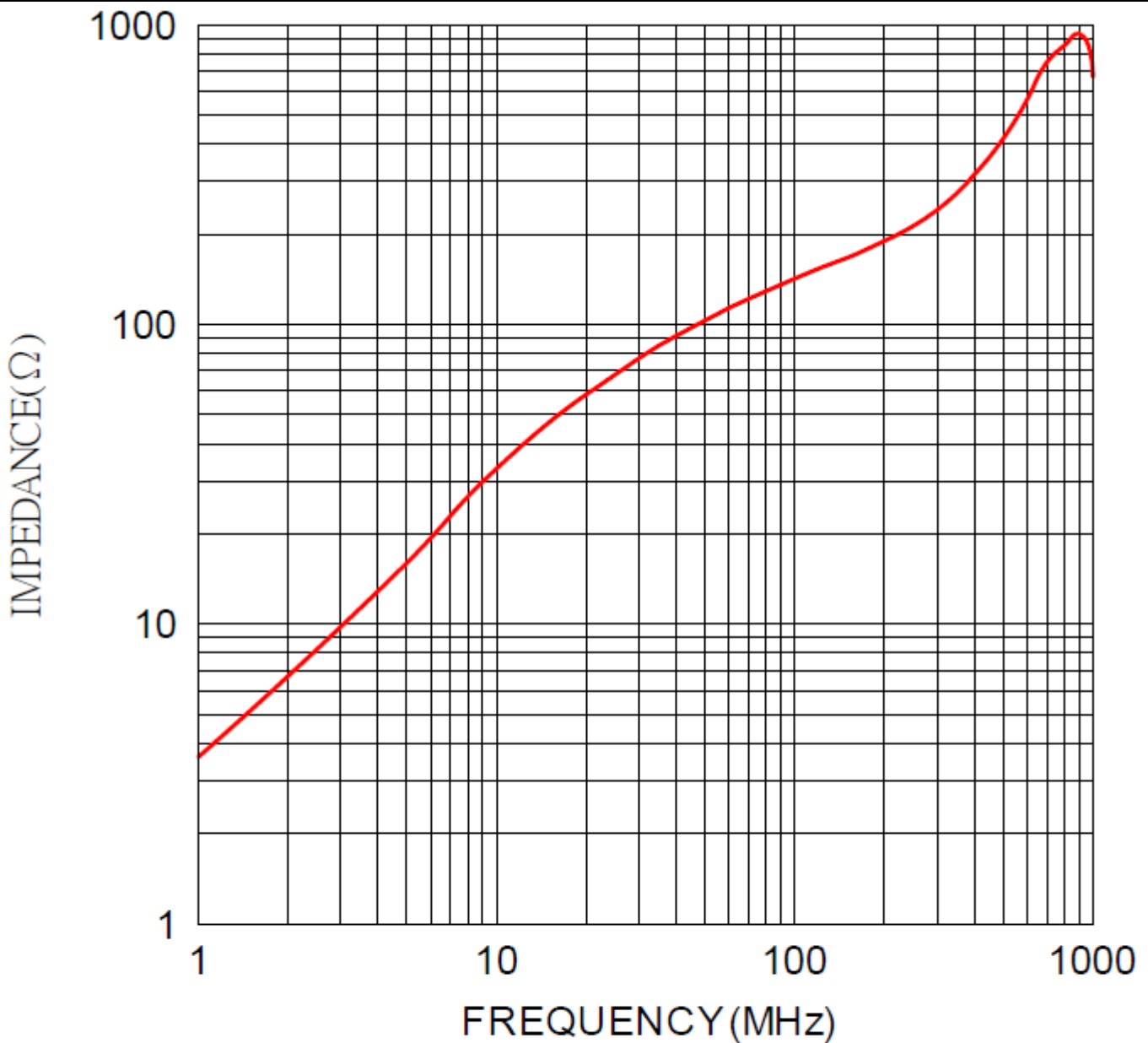
DIMENSION (Unit:mm)				
			A	19.5 ± 1.0
			B	23.0 ± 1.0
			C	8.1 ± 0.3
			D	20.0 ± 1.0
			E	26.0 ± 1.0
ELECTRICAL REQUIREMENTS:				
		TEST FREQ		REMARK:
		TEST FREQ		
Z	50 -0 Ω	TEST FREQ	25 MHz	
Z	110 -0 Ω	TEST FREQ	100 MHz	
		TEST FREQ		
COIL DATA	Qo= Lo= PF	TEST FREQ		
Winding	0.65 Φ X 100 mm 2U.E.W 1 TS			
TEST INSTRUMENTS				
1. RF LCR METER: HP4286A				



INSPECTION DATA														
PART NO.	LF-0816(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			50.0	110.0	19.5	23.0	8.10	20.0	26.0					
+					1.00	1.00	0.30	1.00	1.00					
-			0	0	1.00	1.00	0.30	1.00	1.00					
1			64.00	138.0	19.30	22.71	8.25	19.77	25.94					
2			64.00	138.0	19.31	22.93	8.21	19.83	26.06					
3			65.00	138.0	19.19	22.75	8.26	19.94	26.03					
4			64.00	139.0	19.21	22.66	8.24	19.77	26.06					
5			65.00	139.0	19.31	22.74	8.26	19.69	25.99					
6			64.00	139.0	19.20	22.65	8.22	19.85	25.95					
7			65.00	138.0	19.13	22.71	8.23	19.89	26.00					
8			65.00	139.0	19.18	22.62	8.25	19.83	26.04					
9			64.00	139.0	19.32	22.87	8.22	19.95	26.06					
10			65.00	139.0	19.26	22.86	8.27	19.85	26.08					
X			64.50	138.6	19.24	22.75	8.24	19.84	26.02					
R			1.00	1.00	0.19	0.31	0.06	0.26	0.14					
TEST INSTRUMENTS														
1. RF LCR METER: HP4286A														



### Z-F RESPONSE - LF-0816(B)



	1	5	10	25	50	100	200	300	400	500	600	700	800	900	1000
Z	3.6	16	33	68	103	140	190	241	316	417	559	748	850	932	668

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