



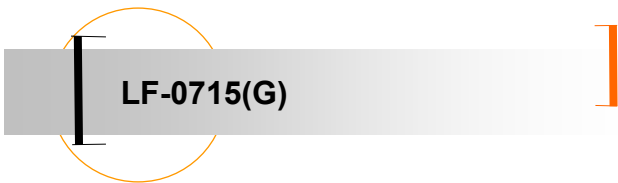
FORMOSA INDUCTOR CORP.  
 台灣電感科技股份有限公司  
 新北市三重區正義北路 195 號 8 樓  
 Tel: 02-8982-5858  
 Fax: 02-8981-8787

**PRODUCT SPECIFICATION**

<b>CUSTOMER</b>	
<b>CUSTOMER'S PRODUCT NAME</b>	
<b>FIC PART NUMBER</b>	LF-0715(G)
<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>

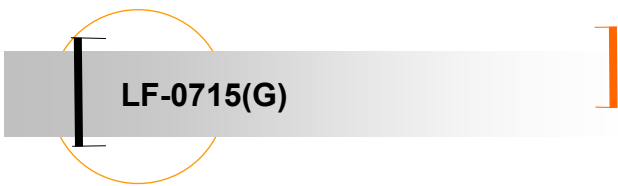
INDUCTOR ENGINEER DIVISION			SALES DIVISION	
<b>PREPARED</b> <i>Amy</i>	<b>APPROVED</b> <i>Monica</i>	<b>AUTHORIZED</b> <i>Jacky</i>	<b>REVIEWED BY</b>	<b>AUTHORIZED</b> <i>Jacky</i>



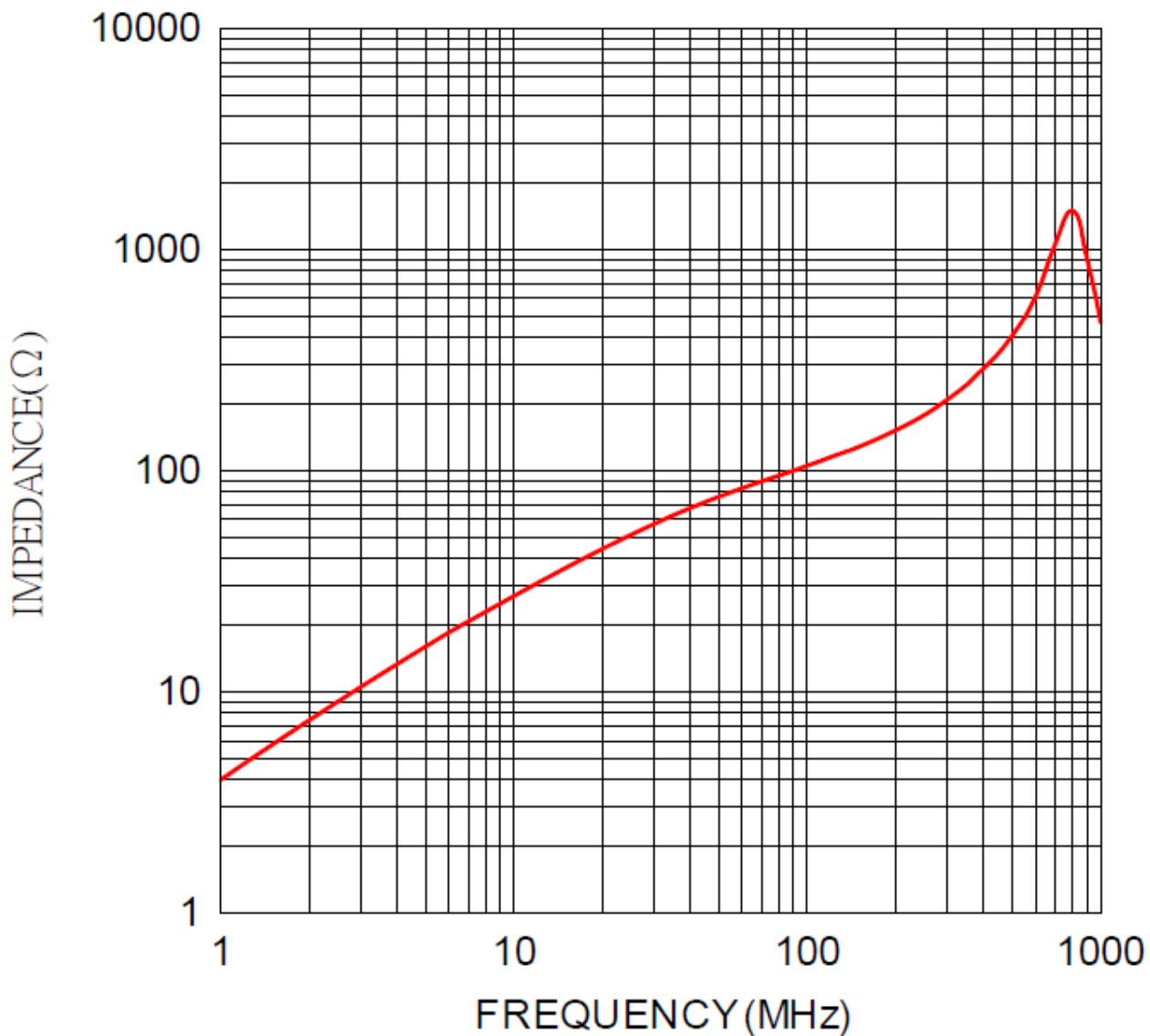
DIMENSION (Unit:mm)				
			A	15.5 ± 1.0
			B	14.0 ± 1.0
			C	7.0 ± 0.3
			D	18.0 ± 1.0
			E	22.0 ± 1.0
ELECTRICAL REQUIREMENTS:				
		TEST FREQ		REMARK:
		TEST FREQ		
Z	35 -0 Ω	TEST FREQ	25 MHz	
Z	80 -0 Ω	TEST FREQ	100 MHz	
		TEST FREQ		
COIL DATA	Qo= Lo= PF	TEST FREQ		
Winding	Z 值 0.65 Φ X 100 mm 2U.E.W 1 TS			
TEST INSTRUMENTS				
1. RF LCR METER: HP4286A				



INSPECTION DATA														
PART NO.	LF-0715(G)													
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	22 °C	Humidity	94 %											
	ELECTRIC CHAREC.				DIMENSION(Unit:mm)									
	L	Q	Z	Z	A	B	C	D	E	F	G	H	I	
Spec			35.0	80.0	15.5	14.0	7.0	18.0	22.0					
+					1.00	1.00	0.30	1.00	1.00					
-			0	0	1.00	1.00	0.30	1.00	1.00					
1			50.00	115.0	15.33	13.88	7.08	17.88	22.10					
2			49.00	115.0	15.38	13.85	7.09	17.85	22.08					
3			50.00	116.0	15.36	13.88	7.08	17.82	22.06					
4			51.00	117.0	15.35	13.88	7.08	17.83	22.07					
5			52.00	118.0	15.35	13.88	7.08	17.80	22.12					
6			51.00	116.0	15.36	13.86	7.09	17.86	22.15					
7			49.00	118.0	15.38	13.85	7.08	17.88	22.08					
8			51.00	119.0	15.37	13.86	7.06	17.89	22.05					
9			50.00	118.0	15.38	13.88	7.08	17.83	22.09					
10			50.00	115.0	15.36	13.86	7.06	17.84	22.13					
X			50.30	116.7	15.36	13.87	7.08	17.85	22.09					
R			3.00	4.00	0.05	0.03	0.03	0.09	0.10					
TEST INSTRUMENTS														
1. RF LCR METER: HP4286A														



## Z-F RESPONSE - LF-0715(G)



	1	5	10	25	50	100	200	300	400	500	600	700	800	900	1000
Z —	4	16	27	51	76	105	152	209	290	407	609	1051	1493	904	466

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