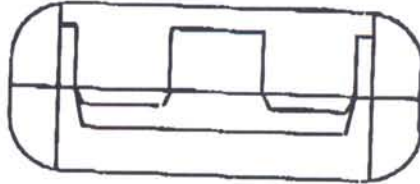
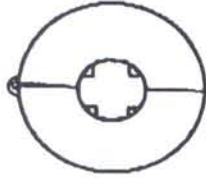


MATERIAL CERTIFICATE

ITEM : B15 UH 10.1x20x5.3 (LF50)



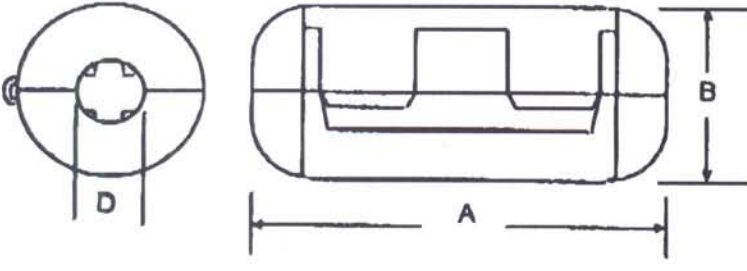
ITEM	MATERIAL	SUPPLIER
CORE	B15 NICKEL/ZINC	B&F ELECTRONICS CO., LTD.
CASE	66 Nylon(94V-2)UL E41797(M)	TORAY(3007)
CASE COLOR	BLACK , GRAY OR WHITE	

Cd CONTENTS: 5PPM(MAX). Pb CONTENTS: 90PPM(MAX).

TEST ITEM		SPEC.
1	WORKING TEMP. RANGE	-40°C~+85°C
2	OPERATING TEMP. RANGE	0°C~+50°C
3	WORKING HUMIDITY RANGE	10~95%
4	COVER STRENGTH	NO DAMAGE BY OPEN & CLOSE 50 TIMES
5	CORE STRENGTH	NO DAMAGE BY FALL DOWN FROM 70 cm 3 TIMES

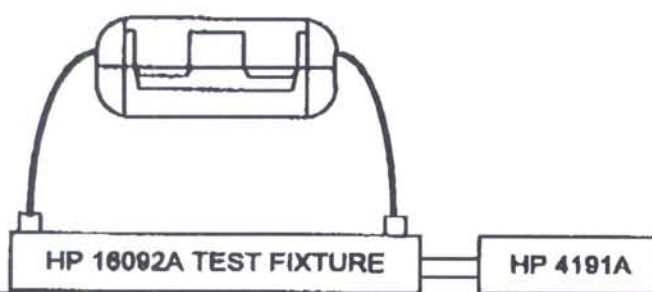
SPECIFICATION

Customer :	Item : B15 UH 10.1x20x5.3(LF-50)	Date : 7,APR.05
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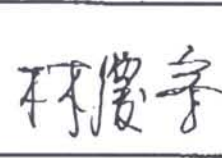
Mechanical Assembly		Dimension	
	A	29.30	±0.50mm
	B	16.00	±0.50mm
	C		
	D	5.30	±0.30mm
	E		
	F		
	G		
	H		

Electrical Requirement			
Impedance	min 100 Ω	Test Frequency	25 MHz
Impedance	min 210 Ω	Test Frequency	100 MHz
Impedance		Test Frequency	

Test equipment : HP 4191A

	Wire : AWG#20x22cm
	Winding : 1 Turn
	Material : B15 Nickel/Zinc
	Uiac : 1500 ± 25 %
	BMS 3000 Gauss@ 15 Oersteds

REMARK :

Approved by	Checked by	Reported by	Approved by Customer
		Jane Cheng	

INSPECTION DATA

Customer				Date	7-Apr-05		
Item		B15 UH 10.1x20x5.3(LF-50)		Ref. No.			
Part No.				Test Frequency	1~1000 MHz		
Test equipment		HP4191A/16092A		Coil Spec.	AWG#20x22cm at 1 turn		
	IMPEDANCE			DIMENSION (UNIT :mm)			
FREQ.	25 MHz	100 MHz		A	B	D	
SPEC.	min 100Ω	min 210Ω		±0.50 29.30	±0.50 16.00	±0.30 5.30	
1	121.5	268.0		29.32	16.07	5.38	
2	120.8	265.0		29.31	15.94	5.36	
3	121.3	266.0		29.28	15.89	5.42	
4	121.4	267.0		29.33	16.03	5.33	
5	120.9	268.0		29.28	15.99	5.35	
6							
7							
8							
9							
10							
X							
R							

