




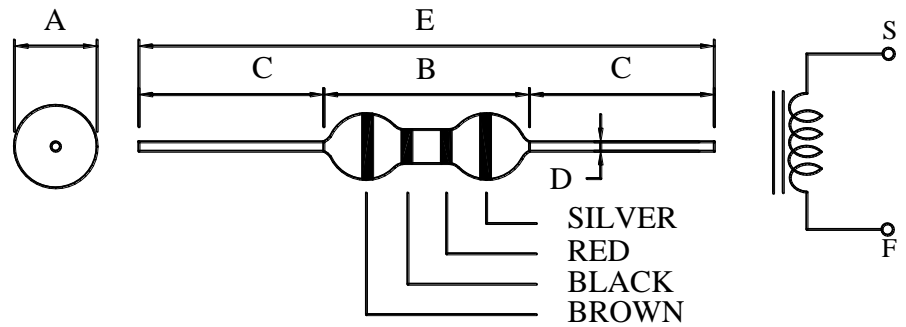


**SPECIFICATION FOR APPROVAL**

1.0

CUST. NAME	G022	DATE	JAN 22,14'
DESCRIPTION	Fixed Inductors (Axial Lead)	TYPE	
GS PART NO.	GSALNR0510G-102K	DWG. NO.	055381
CUST. PART NO.		GS SAMPLE. NO.	140156

1. MECHANICAL MEASUREMENTS

DIMENSION (Unit :mm)							
	標準值	實測值					
A	5.0 (max)	3.68~3.75					
B	10.0(max)	8.72~8.80					
C	26.0±3.0	26.04~26.26					
D	0.65±0.05	0.64~0.66					
E	62.5±1.5	61.28~62.26					
F							
G							
H							
I							
J							

2. ELECTRICAL MEASUREMENTS & TEST EQUIPMENT

TEST ITEM 檢驗項目/單位	TEST FREQUENCY 測試頻率	SPECIFICATION. 測試標準		CONDITION. 測試條件	TEST EQUIP. 測試儀器
L	1KHz/0.25V	1.0	mH	+/-10%	WK3260B
Q	0.252MHz	60		(min)	HP4285A+HP16047A
SRF		1.0	MHz	(min)	E4991A+HP16092A
DCR		12.5	Ω	(max)	HP34401A
IDC	100KHz/0.1V	140	mA	(max)	WK3260B
Weight	0.44g				
DRAWN BY: Fion		CHECKED BY: David		APPROVED BY: William	

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3. TESTING DATA

TEST ITEM 檢驗項目/單位	L (mH)	Q	SRF (MHz)	DCR (Ω)	IDC (mA)	
TEST FREQUENCY 測試頻率	1KHz/0.25V	0.252MHz			100KHz/0.1V	
TEST EQUIP. 測試儀器	WK3260B	HP4285A +HP16047A	E4991A +HP16092A	HP34401A	WK3260B	
SPECIFICATION. 測試標準	1.0±10%	60.0(min)	1.00(min)	12.50(max)	140(max)	
1	1.003	79.9	1.68	7.99	OK	
2	1.035	65.3	1.74	8.26		
3	1.017	78.9	1.61	8.08		
4	1.030	78.9	1.68	8.00		
5	1.010	81.5	1.61	7.91		

4. RELIABILITY DATA

Operating Temperature	-40°C~+125°C
Storage Temperature&Humidity	≤40°C & 70% RH maximum
Solderability Validity	Best before 6 months from shipping date