

Customer:

Sample No.	YKDHA20140003
Date	23-May-22

[☒ New Released, ☐ Revised]

SPECIFICATIONS

Product

Name

Chip Ferrite Inductors

Yankeda

Part Number

YKFL2012Q1R0KT(f)

Customer

Part Number

171100007

【For Customer approval Only】

Date: _____

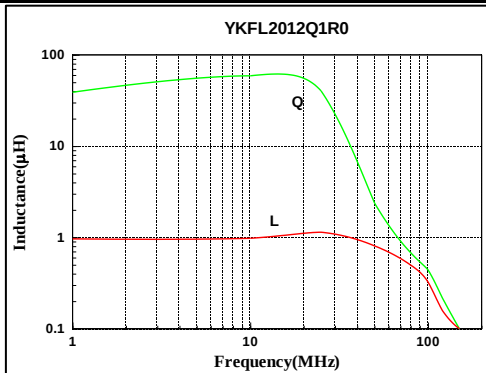
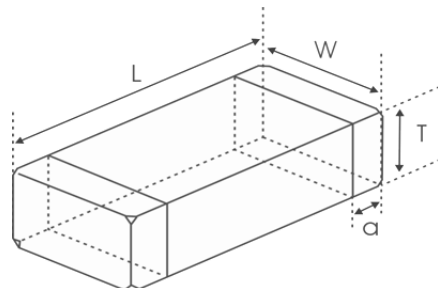
Approved By	Verified By	Re-checked By	Checked By

Shenzhen Yankeda Electronics Co., Ltd.

Approved By	Checked By	Issued By
		

Test Data Sheet

Page: 2 of 2

Yankeda Part Number	YKFL2012Q1R0KT(f)			Customer		Date	23-May-22
Customer Part Number				Lot Number		Quantity	20pcs
Atmospheric conditions	T=20±10℃,RH=65±10%RH,Po=86~106KPa;						
Electrical Characteristics				Dimensions			
Item	Inductance(μH)	Q	DCR (Ω)	L (mm)	W(mm)	T (mm)	a(mm)
SPEC	1.0 ± 10%	45.0 Min.	0.40 Max.	2.00 ± ^{0.30} _{0.10}	1.25 ± 0.20	0.85 ± 0.20	0.50 ± 0.30
USL	1.10		0.40	2.30	1.45	1.05	0.80
LSL	0.90	45.0		1.90	1.05	0.65	0.20
Test Device	HP4291B(16192A) @10MHz,-20dBm	HP4291B(16192A) @10MHz,-	HP4338B	Vernier Caliper	Vernier Caliper	Vernier Caliper	Microscope
1	1.03	65.0	0.28	2.15	1.32	0.86	0.40
2	1.01	68.0	0.29	2.14	1.31	0.85	0.40
3	0.98	62.0	0.26	2.13	1.33	0.86	0.40
4	0.93	61.0	0.27	2.14	1.30	0.86	0.45
5	0.95	65.0	0.28	2.16	1.34	0.84	0.45
6	0.94	64.0	0.23	2.15	1.32	0.86	0.40
7	1.05	65.0	0.25	2.14	1.34	0.86	0.40
8	1.02	63.0	0.27	2.15	1.30	0.86	0.45
9	1.06	65.0	0.23	2.16	1.33	0.85	0.45
10	1.01	65.0	0.25	2.14	1.32	0.85	0.40
Max.	1.06	68.0	0.29	2.16	1.34	0.86	0.45
Min.	0.93	61.0	0.23	2.13	1.30	0.84	0.40
Average	0.998	64.30	0.261	2.146	1.321	0.855	0.420
Range	0.13	7.0	0.06	0.03	0.04	0.02	0.05
■Electrical Chart				■Shape and Dimension			
							
Remark: SRF: 75MHz Min.; Ir:50mA Max.;							
Approved By			Checked By		Inspected By		
							