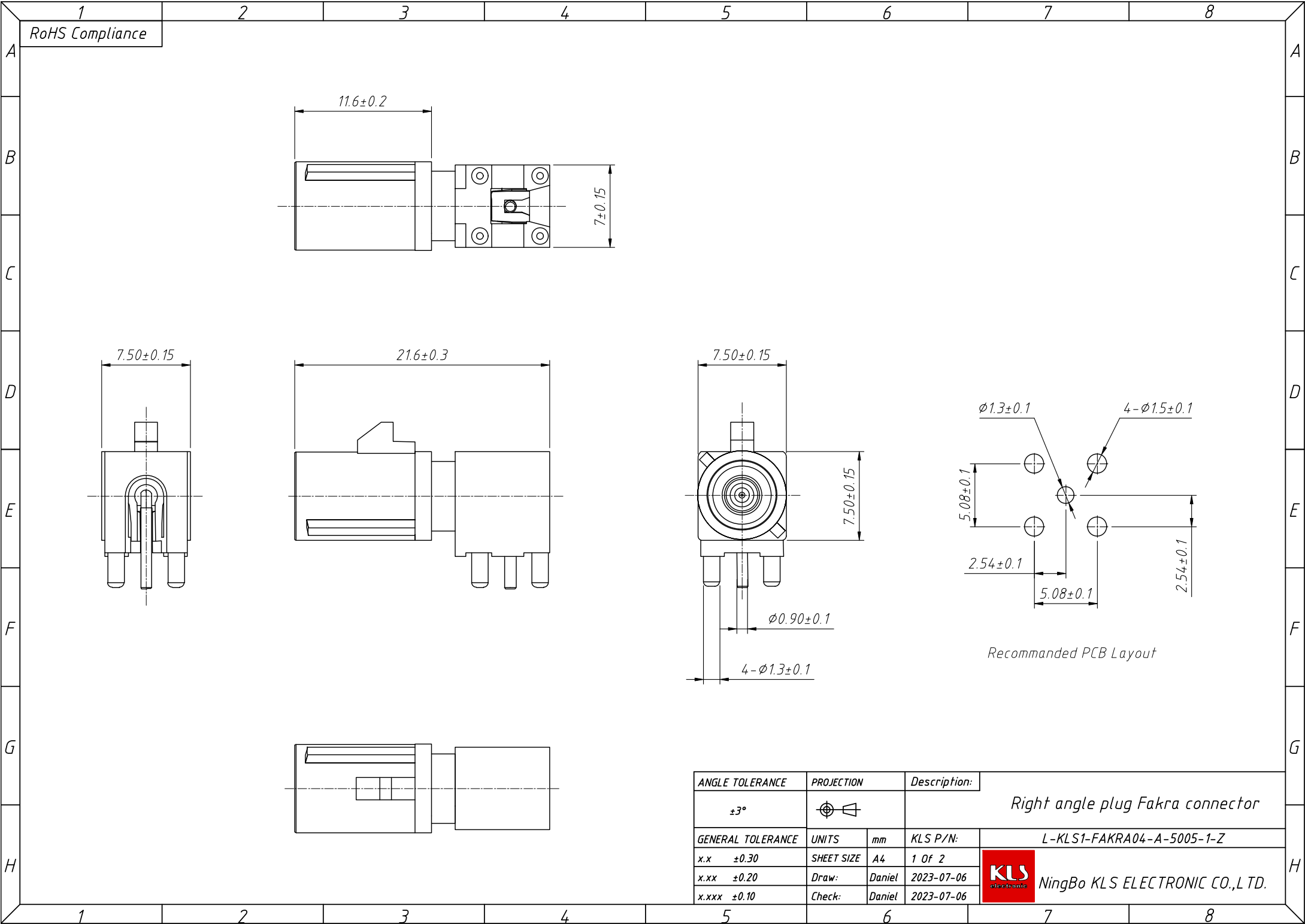




ANGLE TOLERANCE		PROJECTION		Description:	
$\pm 3^\circ$				Right angle plug Fakra connector	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS1-FAKRA04-A-5005-1-Z
x.x	± 0.30	SHEET SIZE	A4	1 Of 2	NingBo KLS ELECTRONIC CO.,L TD.
x.xx	± 0.20	Draw:	Daniel	2023-07-06	
x.xxx	± 0.10	Check:	Daniel	2023-07-06	

Card slot direction	Color	RAL	Order Information
	Black	sim.9005	FAKRA04-A-9005-1-Z
	White	sim.9001	FAKRA04-A-9001-1-Z
	Blue	sim.5005	FAKRA04-A-5005-1-Z
	Purple	sim.4004	FAKRA04-A-4004-1-Z
	Green	sim.6002	FAKRA04-A-6002-1-Z
	Brown	sim.8011	FAKRA04-A-8011-1-Z
	Grey	sim.7031	FAKRA04-A-7031-1-Z
	Pink	sim.4003	FAKRA04-A-4003-1-Z
	Beige	sim.1001	FAKRA04-A-1001-1-Z
	Curry	sim.1027	FAKRA04-A-1027-1-Z
	Carmine	sim.3002	FAKRA04-A-3002-1-Z
	Pastelorange	sim.2003	FAKRA04-A-2003-1-Z
	Pastel Green	sim.6019	FAKRA04-A-6019-1-Z
	Waterblue	sim.5021	FAKRA04-A-5021-1-Z

Material:
Insulator:PTFE
Interface Housing:PA66+30%GF,Blue
Core Pin:Brass,Gold Plating
Outer Housing:Brass,Tin plating

Electrical:
Impedance:50Ω
vswr:≤1.5
Tensile strength:≥98N

Environmental data:
Temperature range:-40℃ to +85℃

Notes:
100% continuity, no short circuit, open circuit,
instantaneous break, or misalignment;

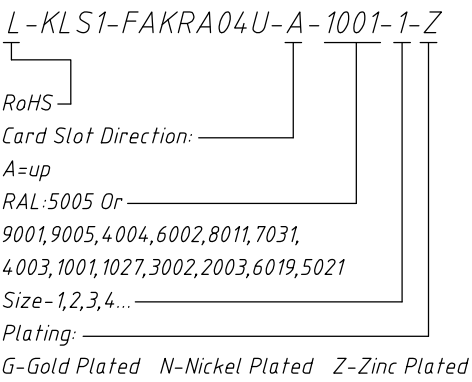
Order Information
L-KLS1-FAKRA04-A-5005-1-Z
RoHS
Card Slot Direction:A=up
B=down C=Left D=Right
RAL:5005 Or
9001,9005,4004,6002,8011,7031,
4003,1001,1027,3002,2003,6019,5021
Size-1,2,3,4...
Internal code

ANGLE TOLERANCE		PROJECTION		Description:
±3°				Right angle plug Fakra connector
GENERAL TOLERANCE		UNITS	mm	KLS P/N:
x.x	±0.30	SHEET SIZE	A4	2 Of 2
x.xx	±0.20	Draw:	Daniel	2023-07-06
x.xxx	±0.10	Check:	Daniel	2023-07-06

 NingBo KLS ELECTRONIC CO.,L TD.

1		2		3		4		5		6		7		8							
RoHS Compliance												REV	SYM	Revision Record		Appr.	Date				
												V0	KLS01481	New Version Release		Song	2025-08-12				
												Material:									
												Central Conductor:Brass,D.Au									
												Insulator:High Temperature Plastic,White									
												Outer Conductor:Zinc Alloy,D.Sn/Ni									
												Housing:High Temperature Plastic									
												Main Technical Characteristics:									
												Impedance:50Ω Nominal									
												Frequency Range:DC - 6.0 GHz									
												VSWR (Return Loss):1.40 (DC To 2.0 GHz)									
												1.50 (2.0 GHz To 3.0 GHz)									
												1.60 (3.0 GHz To 6.0 GHz)									
												Test Voltage:800 Vrms									
												Working Voltage:335 V rms									
												Durability(mating):25 Cycles Min									
												Temperature Range:-40℃ To 105℃									
												Order Information									
												L-KLS1-FAKRA04U-A-1001-1-Z									
												RoHS									
												Card Slot Direction:									
												A=up									
												RAL:5005 Or									
												9001,9005,4004,6002,8011,7031,									
												4003,1001,1027,3002,2003,6019,5021									
												Size-1,2,3,4...									
												Plating:									
												G-Gold Plated N-Nickel Plated Z-Zinc Plated									
												ANGLE TOLERANCE									
												PROJECTION		Description:							
												±3°		Fakra Connector							
												GENERAL TOLERANCE		UNITS		mm		KLS P/N:		L-KLS1-FAKRA04U-A-XXXX-1-X	
												x.x ±0.30		SHEET SIZE		A4		2/2			
												x.xx ±0.20		Draw:		Song		2025-08-12			
												x.xxx ±0.10		Check:		Daniel		2025-08-12			
1		2		3		4		5		6		7		8							

Card slot direction	Code	Color	RAL	Order Information
	A	Black	sim.9005	FAKRA04U-A-9005-1-Z
	B	White	sim.9001	FAKRA04U-A-9001-1-Z
	C	Blue	sim.5005	FAKRA04U-A-5005-1-Z
	D	Bordeaux	sim.4004	FAKRA04U-A-4004-1-Z
	E	Green	sim.6002	FAKRA04U-A-6002-1-Z
	F	Brown	sim.8011	FAKRA04U-A-8011-1-Z
	G	Grey	sim.7031	FAKRA04U-A-7031-1-Z
	H	Violet	sim.4003	FAKRA04U-A-4003-1-Z
	I	Beige	sim.1001	FAKRA04U-A-1001-1-Z
	K	Curry	sim.1027	FAKRA04U-A-1027-1-Z
	L	Carmin	sim.3002	FAKRA04U-A-3002-1-Z
	M	Pastel orange	sim.2003	FAKRA04U-A-2003-1-Z
	N	Pastel Green	sim.6019	FAKRA04U-A-6019-1-Z
	Z	Water Blue	sim.5021	FAKRA04U-A-5021-1-Z



ANGLE TOLERANCE		PROJECTION		Description:	
±3°				Fakra Connector	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS1-FAKRA04U-A-XXXX-1-X
x.x ±0.30	SHEET SIZE	A4	2/2		NingBo KLS ELECTRONIC CO.,L TD.
x.xx ±0.20	Draw:	Song	2025-08-12		
x.xxx ±0.10	Check:	Daniel	2025-08-12		