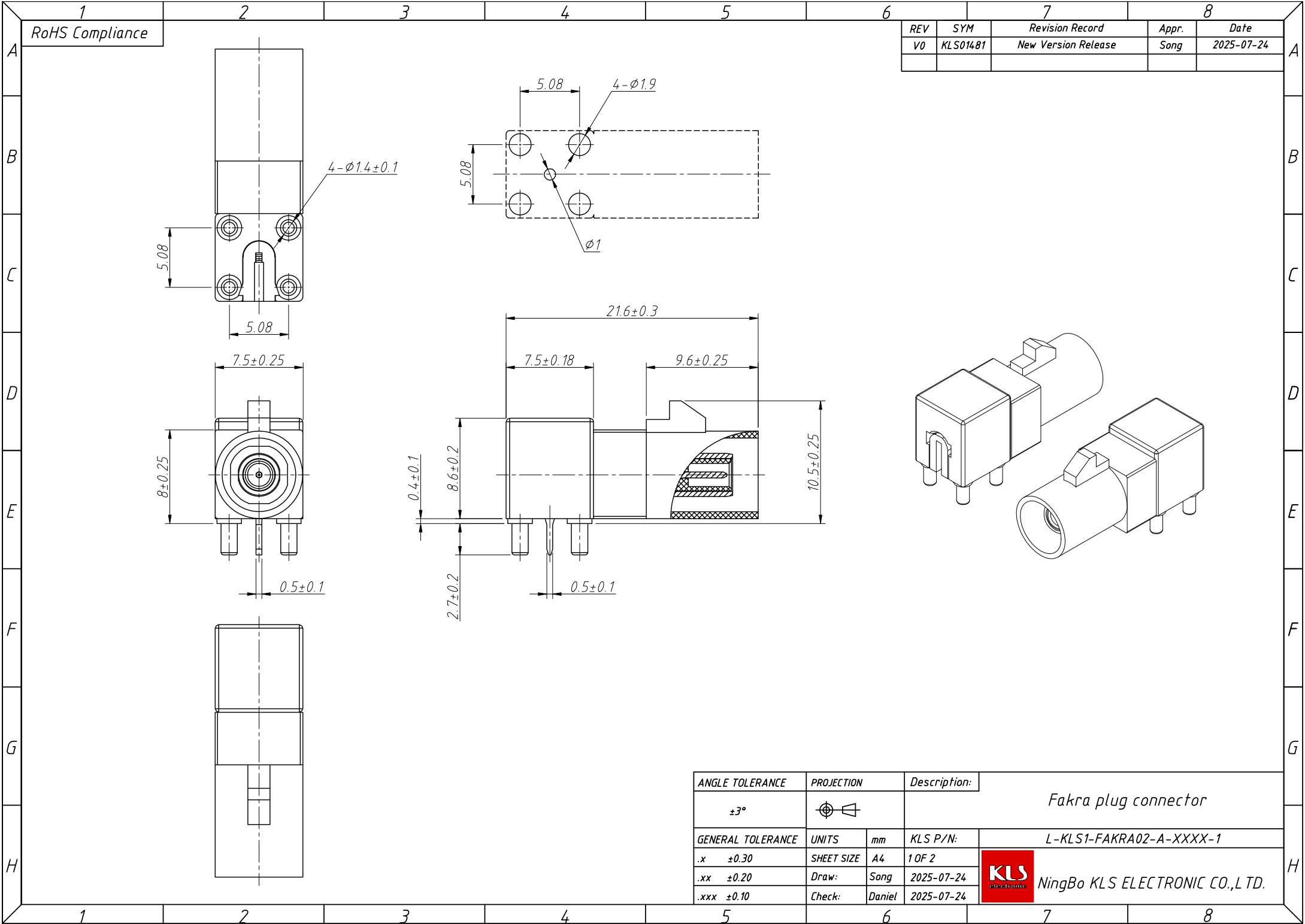




1
RoHS Compliance

6		7		8	
REV	SYM	Revision Record		Appr.	Date
V0	KLS01481	New Version Release		Song	2025-07-24

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				Fakra plug connector	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	
.x ±0.30		SHEET SIZE	A4	1 OF 2	
.xx ±0.20		Draw:	Song	2025-07-24	
.xxx ±0.10		Check:	Daniel	2025-07-24	



NingBo KLS ELECTRONIC CO.,LTD.

1		2		3		4		5		6		7		8							
RoHS Compliance												REV		SYM		Revision Record		Appr.		Date	
												V0		KLS01481		New Version Release		Song		2025-07-24	

Card slot direction	Code	Color	RAL	Order Information
	A	Black	sim.9005	FAKRA02-A-9005-1
	B	White	sim.9001	FAKRA02-A-9001-1
	C	Blue	sim.5005	FAKRA02-A-5005-1
	D	Bordeaux	sim.4004	FAKRA02-A-4004-1
	E	Green	sim.6002	FAKRA02-A-6002-1
	F	Brown	sim.8011	FAKRA02-A-8011-1
	G	Grey	sim.7031	FAKRA02-A-7031-1
	H	Violet	sim.4003	FAKRA02-A-4003-1
	I	Beige	sim.1001	FAKRA02-A-1001-1
	K	Curry	sim.1027	FAKRA02-A-1027-1
	L	Carmine	sim.3002	FAKRA02-A-3002-1
	M	Pastel orange	sim.2003	FAKRA02-A-2003-1
	N	Pastel Green	sim.6019	FAKRA02-A-6019-1
	Z	Water Blue	sim.5021	FAKRA02-A-5021-1

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)

Withstand Voltage:800 Vrms, Min

Durability(mating):100 Cycles Min

Temperature Range:-40°C To 100°C

Order Information

L-KLS1-FAKRA02-A-5005-1

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...

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				Fakra plug connector	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS1-FAKRA02-A-XXXX-1
.x	±0.30	SHEET SIZE	A4	2 OF 2	 NingBo KLS ELECTRONIC CO.,L TD.
.xx	±0.20	Draw:	Song	2025-07-24	
.xxx	±0.10	Check:	Daniel	2025-07-24	