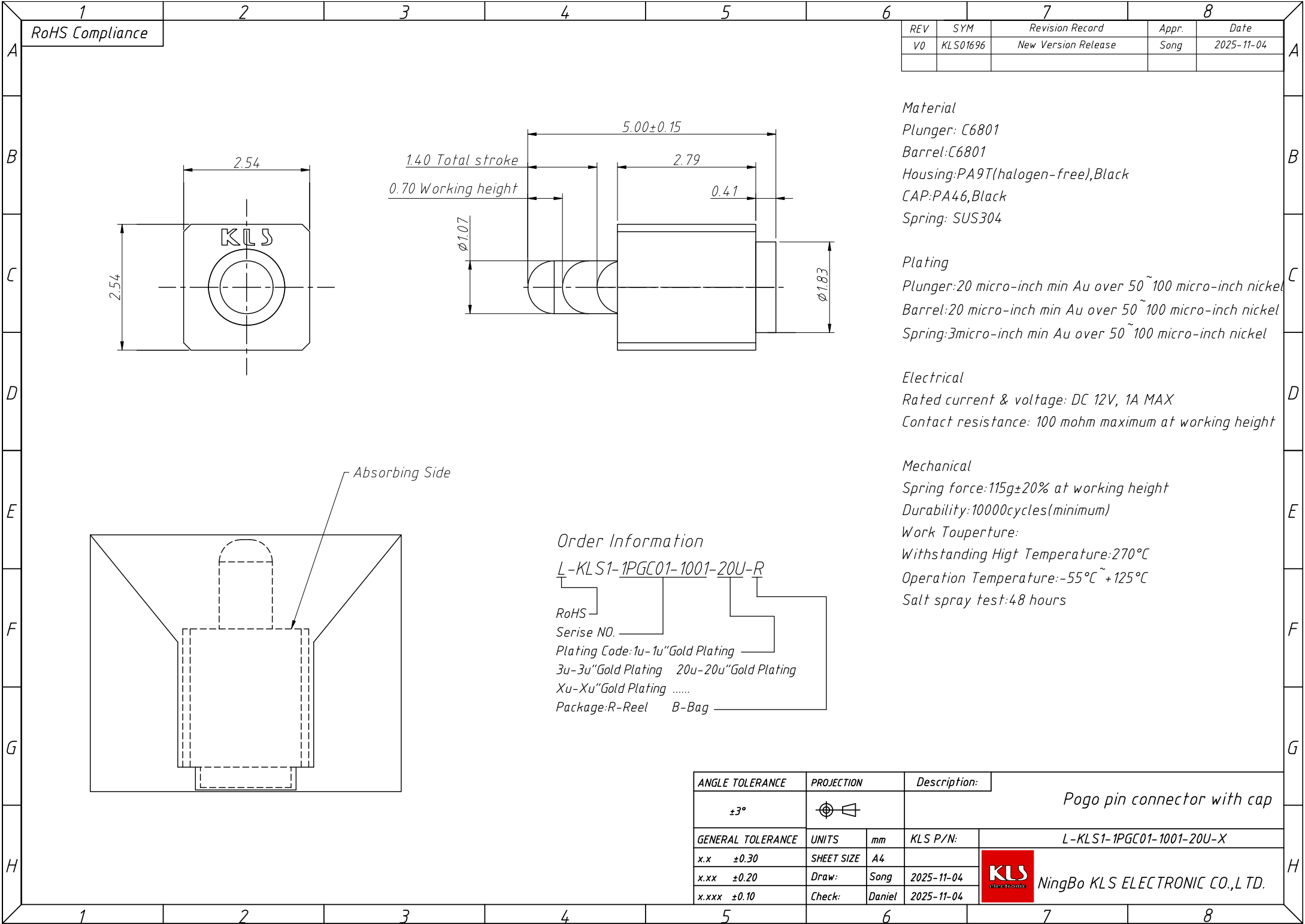




1
RoHS Compliance

REV	SYM	Revision Record	Appr.	Date
V0	KLS01696	New Version Release	Song	2025-11-04

Material
Plunger: C6801
Barrel: C6801
Housing: PA9T(halogen-free), Black
CAP: PA46, Black
Spring: SUS304

Plating
Plunger: 20 micro-inch min Au over 50~100 micro-inch nickel
Barrel: 20 micro-inch min Au over 50~100 micro-inch nickel
Spring: 3 micro-inch min Au over 50~100 micro-inch nickel

Electrical
Rated current & voltage: DC 12V, 1A MAX
Contact resistance: 100 mohm maximum at working height

Mechanical
Spring force: 115g±20% at working height
Durability: 10000 cycles (minimum)
Work Temperature:
Withstanding High Temperature: 270°C
Operation Temperature: -55°C~+125°C
Salt spray test: 48 hours

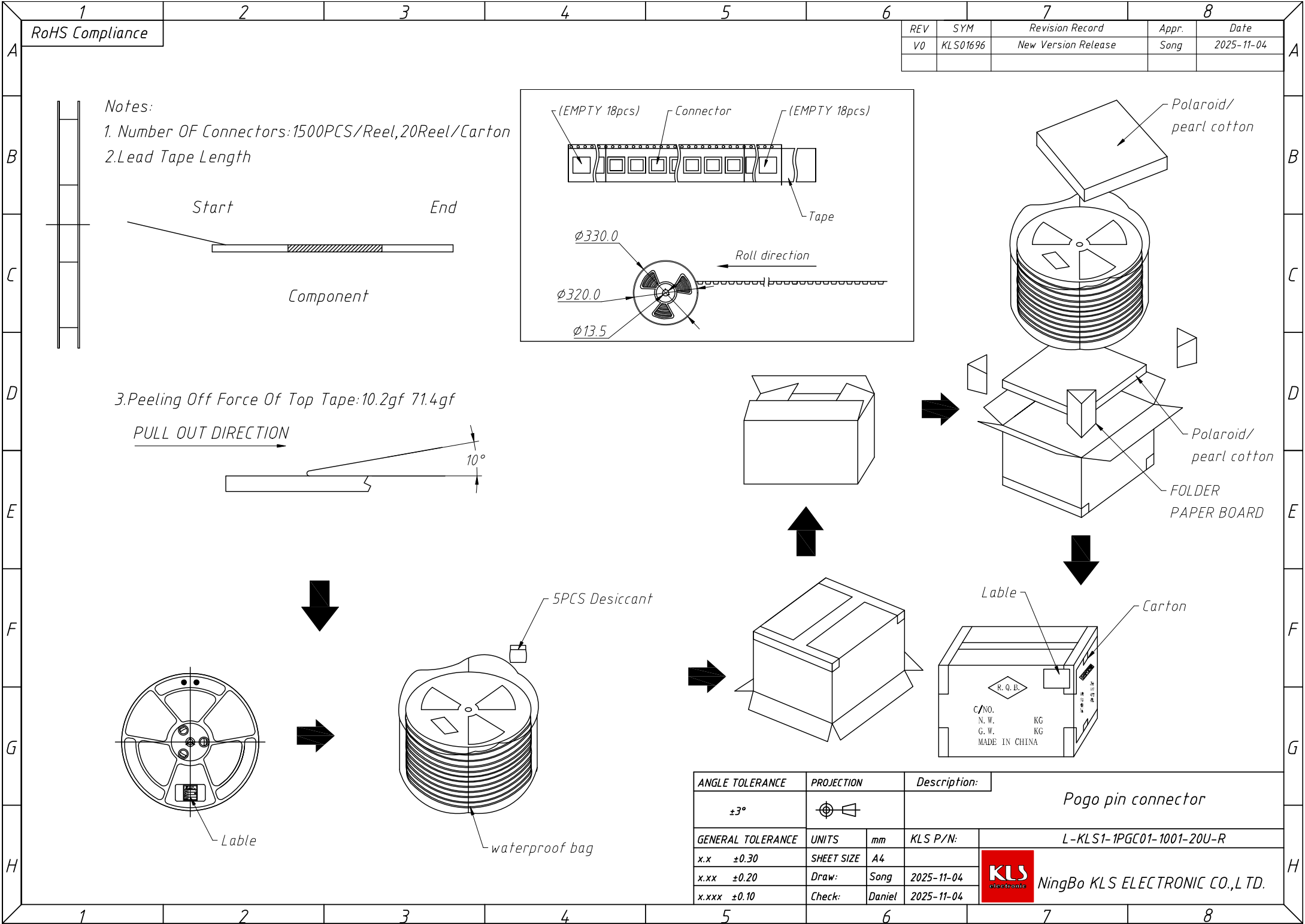
Order Information
L-KLS1-1PGC01-1001-20U-R
RoHS
Serie NO.
Plating Code: 1u-1u"Gold Plating
3u-3u"Gold Plating 20u-20u"Gold Plating
Xu-Xu"Gold Plating
Package: R-Reel B-Bag

ANGLE TOLERANCE	PROJECTION	Description:
±3°		Pogo pin connector with cap
GENERAL TOLERANCE	UNITS	mm
x.x ±0.30	SHEET SIZE	A4
x.xx ±0.20	Draw:	Song
x.xxx ±0.10	Check:	Daniel

2025-11-04	2025-11-04
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NingBo KLS ELECTRONIC CO.,LTD.





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RoHS Compliance

6	7	8
REV	SYM	Revision Record
V0	KLS01696	New Version Release
		Appr. Song
		Date 2025-11-04

Notes:

- 1. Number OF Connectors:1500PCS/Reel,20Reel/Carton
- 2.Lead Tape Length

Start End

Component

(EMPTY 18pcs) Connector (EMPTY 18pcs)

Tape

ø330.0

ø320.0

ø13.5

Roll direction

Polaroid/
pearl cotton

3.Peeling Off Force Of Top Tape:10.2gf 71.4gf

PULL OUT DIRECTION

10°

5PCS Desiccant

Lable

waterproof bag

Polaroid/
pearl cotton

FOLDER
PAPER BOARD

Lable

Carton

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				Pogo pin connector	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	
x.x	±0.30	SHEET SIZE	A4	L-KLS1-1PGC01-1001-20U-R	
x.xx	±0.20	Draw:	Song	2025-11-04	NingBo KLS ELECTRONIC CO.,L TD.
x.xxx	±0.10	Check:	Daniel	2025-11-04	