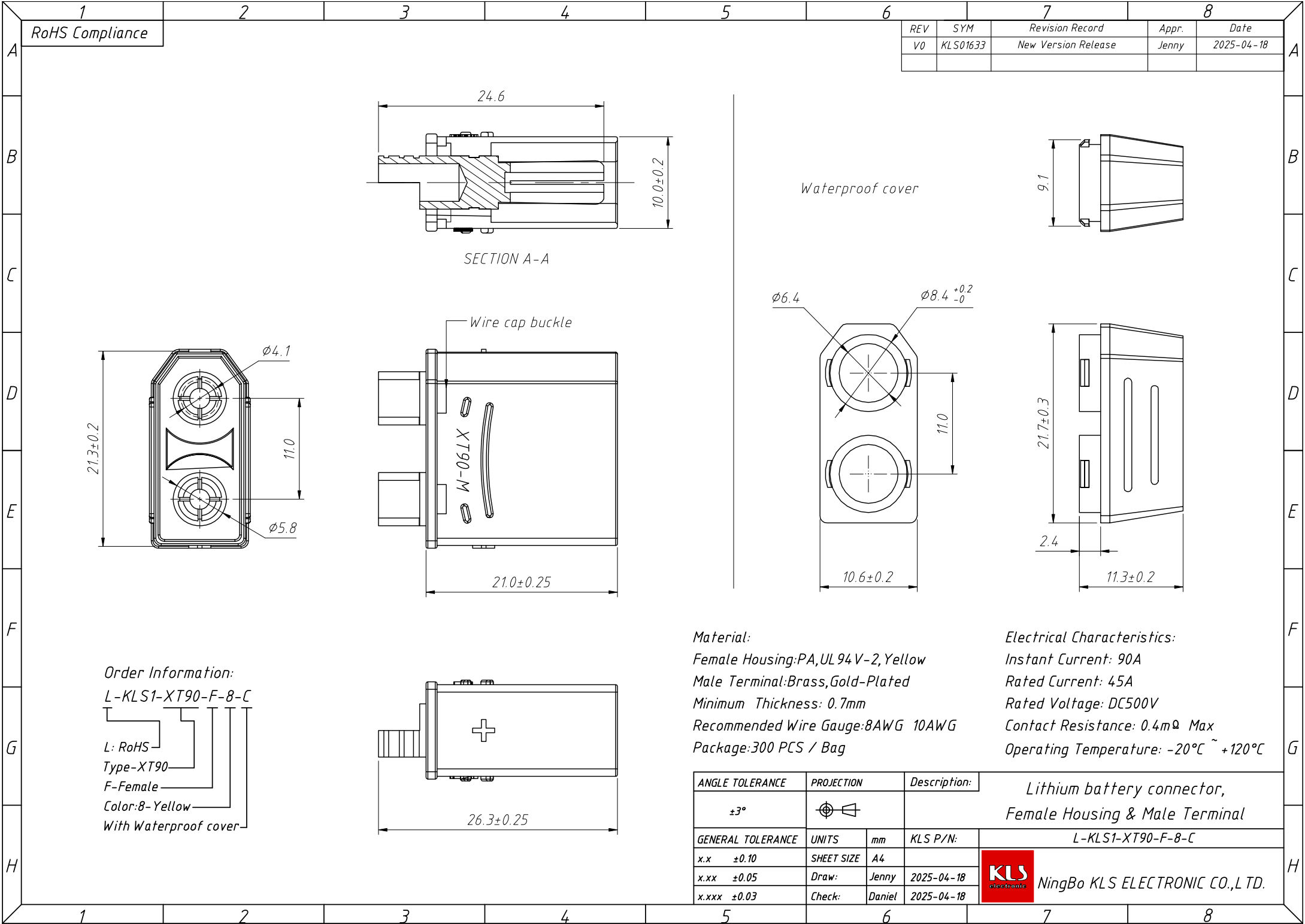




1
RoHS Compliance

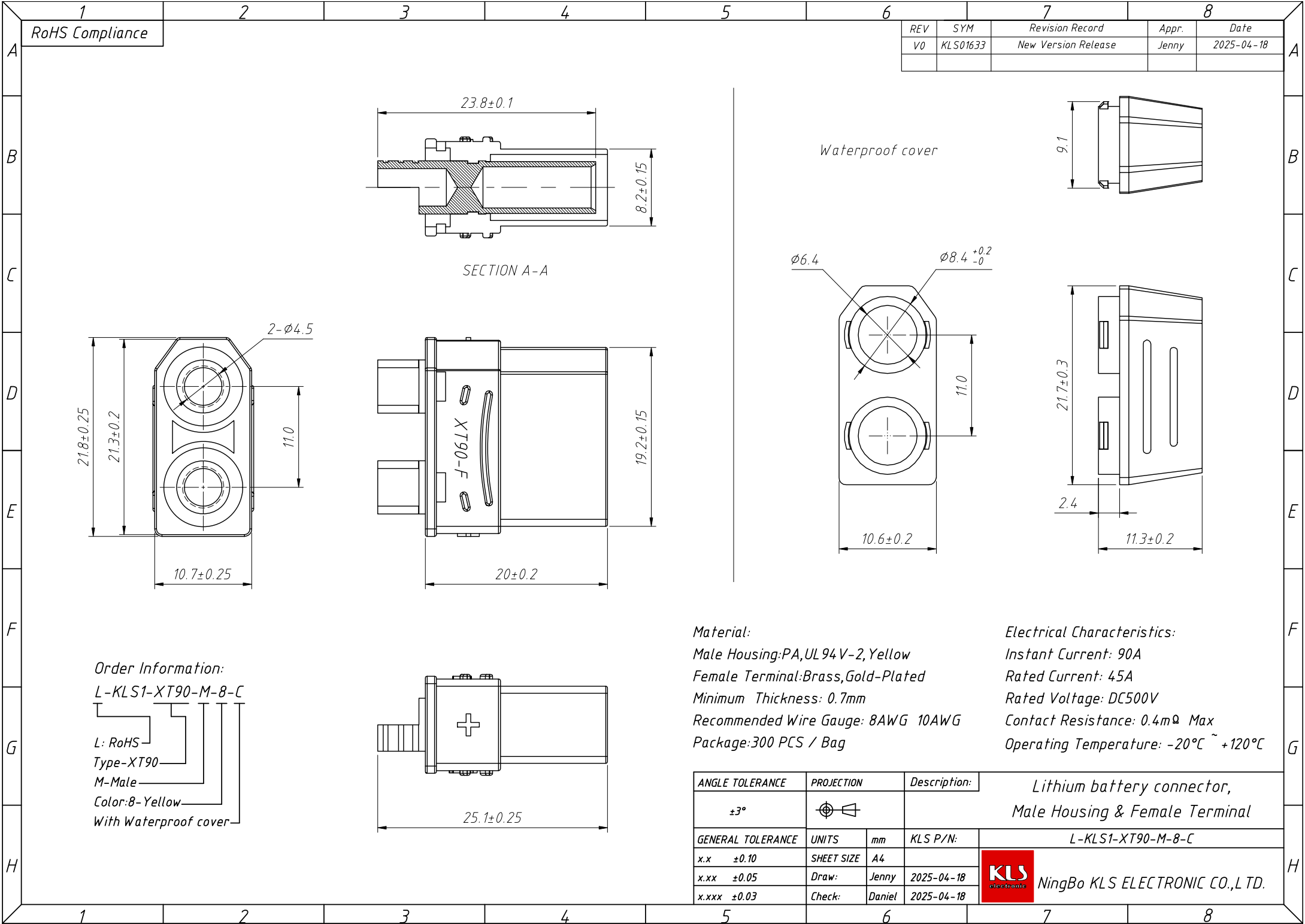
REV	SYM	Revision Record	Appr.	Date
V0	KLS01633	New Version Release	Jenny	2025-04-18

Order Information:
L-KLS1-XT90-F-8-C
L: RoHS
Type-XT90
F-Female
Color-8- Yellow
With Waterproof cover

Material:
Female Housing:PA,UL 94V-2,Yellow
Male Terminal:Brass,Gold-Plated
Minimum Thickness: 0.7mm
Recommended Wire Gauge:8AWG 10AWG
Package:300 PCS / Bag

Electrical Characteristics:
Instant Current: 90A
Rated Current: 45A
Rated Voltage: DC500V
Contact Resistance: 0.4mΩ Max
Operating Temperature: -20℃ ~ +120℃

ANGLE TOLERANCE	PROJECTION	Description:	Lithium battery connector, Female Housing & Male Terminal	
$\pm 3^\circ$				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-XT90-F-8-C
x.x ± 0.10	SHEET SIZE	A4		
x.xx ± 0.05	Draw:	Jenny	2025-04-18	NingBo KLS ELECTRONIC CO.,L TD.
x.xxx ± 0.03	Check:	Daniel	2025-04-18	



Order Information:
L-KLS1-XT90-M-8-C
L: RoHS
Type-XT90
M-Male
Color:8-Yellow
With Waterproof cover

Material:
Male Housing:PA,UL 94V-2, Yellow
Female Terminal:Brass,Gold-Plated
Minimum Thickness: 0.7mm
Recommended Wire Gauge: 8AWG 10AWG
Package:300 PCS / Bag

Electrical Characteristics:
Instant Current: 90A
Rated Current: 45A
Rated Voltage: DC500V
Contact Resistance: 0.4mΩ Max
Operating Temperature: -20℃ ~ +120℃

ANGLE TOLERANCE	PROJECTION	Description:	Lithium battery connector, Male Housing & Female Terminal	
±3°				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-XT90-M-8-C
x.x ±0.10	SHEET SIZE	A4		
x.xx ±0.05	Draw:	Jenny	2025-04-18	NingBo KLS ELECTRONIC CO.,LTD.
x.xxx ±0.03	Check:	Daniel	2025-04-18	