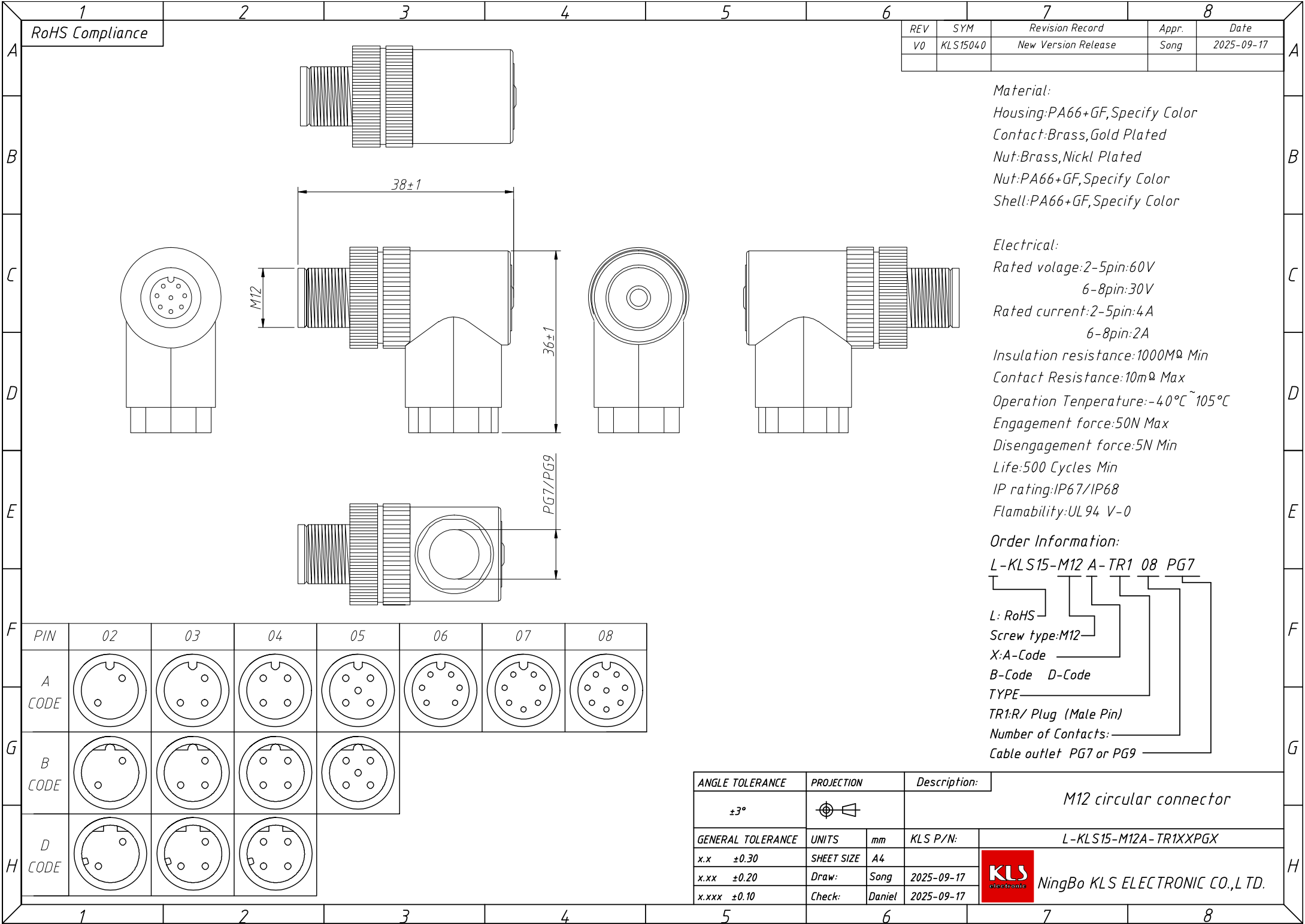




1
RoHS Compliance

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REV	SYM	Revision Record	Appr.	Date
V0	KLS15040	New Version Release	Song	2025-09-17

Material:
Housing:PA66+GF,Specify Color
Contact:Brass,Gold Plated
Nut:Brass,Nickl Plated
Nut:PA66+GF,Specify Color
Shell:PA66+GF,Specify Color

Electrical:
Rated volage:2-5pin:60V
6-8pin:30V
Rated current:2-5pin:4A
6-8pin:2A
Insulation resistance:1000M Ω Min
Contact Resistance:10m Ω Max
Operation Temperature:-40 $^{\circ}$ C ~105 $^{\circ}$ C
Engagement force:50N Max
Disengagement force:5N Min
Life:500 Cycles Min
IP rating:IP67/IP68
Flamability:UL 94 V-0

Order Information:
L-KLS15-M12 A-TR1 08 PG7
L: RoHS
Screw type:M12
X:A-Code
B-Code D-Code
TYPE
TR1:R/ Plug (Male Pin)
Number of Contacts:
Cable outlet PG7 or PG9

PIN	02	03	04	05	06	07	08
A CODE							
B CODE							
D CODE							

ANGLE TOLERANCE	PROJECTION	Description:
$\pm 3^{\circ}$		M12 circular connector
GENERAL TOLERANCE	UNITS	mm
x.x ± 0.30	SHEET SIZE	A4
x.xx ± 0.20	Draw:	Song
x.xxx ± 0.10	Check:	Daniel

NingBo KLS ELECTRONIC CO.,LTD.