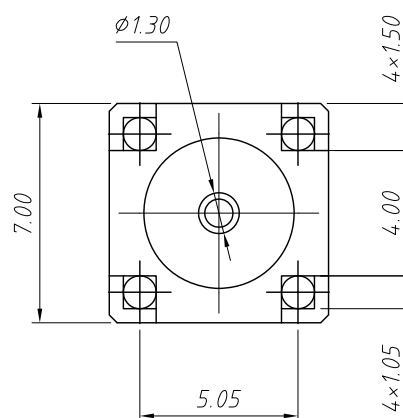
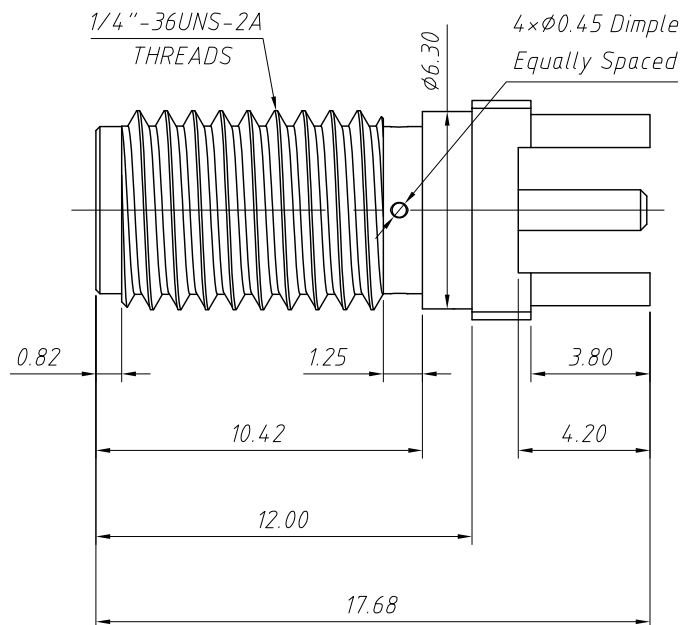


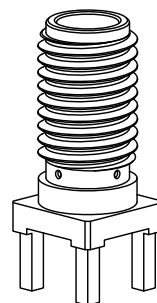


Connector:SMA Jack (Female Socket)
Termination:PCB Through Hole Mount

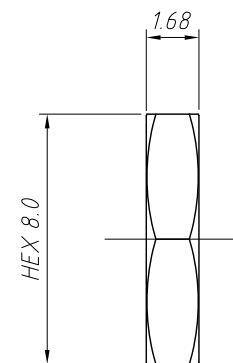
Material:
Body:Brass,Nickel/Gold
Shell:Brass,Nickel/Gold
Washer:Brass,Nickel/Gold
Nut:Brass,Nickel/Gold
Socket:Be Cu,Nickel/Gold
Insulator:PTFE

Notes: (Unless Otherwise Specified)

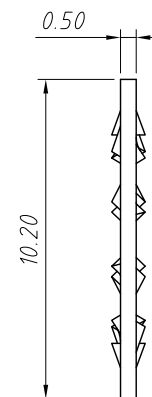
1. All Dimensions Are In mm [Inches].
2. Dimensions Apply After Finishing.
3. Manufacture To Be Compliant With Eu RoHS Directive, Use Materials That Do Not Contain Reach Substances Of Very High Concern >1000ppm, And Use Drc Conflict-Free Sourced Materials.
4. Safety Break All Sharp Corners And Edges 0.5 Maximum.
- 5 See Table I For Electrical Specifications. (Sheet 2)
- 6 See Table Ii For Environmental Specifications. (Sheet 2)
- 7 See Table Iii For Mechanical Specifications. (Sheet 2)
8. See Partslist. "x" Indicates Finish Type.



SCALE 2:1



NUT



WASHER

ANGLE TOLERANCE		PROJECTION		Description:	
$\pm 3^\circ$				PCB Mount SMA Connector Straight (Jack,Female & Male ,50Ω) L 17.68mm	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	
x.x ± 0.30		SHEET SIZE		A4	
x.xx ± 0.20		Draw:		Daniel 2018-07-10	
x.xxx ± 0.10		Check:		Daniel 2018-07-10	



NingBo KLS ELECTRONIC CO.,L TD.

5. TABLE I

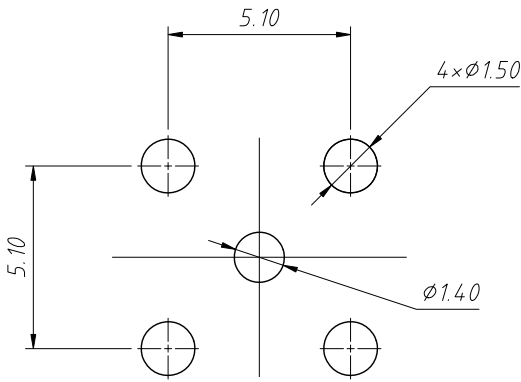
Electrical Data	Detail
Impedance	50Ω
Frequency Range	0 ~6 GHz
Insulation Resistance	5000MΩ Min
Voltage Rating	1000V RMS
Contact Resistance	Center:≤3.0mΩ Outer:≤2.5mΩ
VSWR	---

6. TABLE II

Electrical Data	Detail
Corrosion (Salt spray)	ASTMB-117
Thermal shock	MIL-STD-202 Method 107 test condition B
Vibration	MIL-STD-202 Method 204 test condition D
Mechanical Shock	MIL-STD-202 Method 213 test condition I
Temperature Range	-55℃ to +155℃
Environmental Compliance	RoHS

7. TABLE III

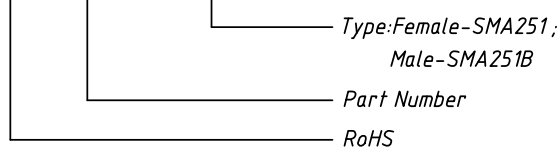
Electrical Data	Detail
Mounting Type	PCB Through Hole Mount , Panel Mount
Fastening Type	1 / 4 "-36 Threaded Coupling
Recommended Torque	0.57 N.m (5.0 in.lbs)
Coupling Nut Retention	60 lbs.min.
Connector Durability	500 cycles min.
Weight	2.8g (0.1 oz)



RECOMMENDED FOOTPRINT

Order Information

L - KLS1 - SMA251



ANGLE TOLERANCE		PROJECTION		Description:		
±3°				PCB Mount SMA Connector Straight (Jack,Female & Male ,50Ω) L17.68mm		
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS1-SMA251 & L-KLS1-SMA251B	
x.x	±0.30	SHEET SIZE	A4		NingBo KLS ELECTRONIC CO.,L TD.	
x.xx	±0.20	Draw:	Daniel			2018-07-10
x.xxx	±0.10	Check:	Daniel			2018-07-10