

NOTES:

1.MATERIAL:

HOUSING:PBT,UL94V-0 COLOR:BLUE  
 TERMINAL:COPPER ALLOY  
 SHELL:COPPER ALLOY

2.PLATING:

TERMINAL:GOLD PLATING ON CONTACT AREA, TIN PLATING ON SOLDER TAIL,  
 NICKEL UNDER PLATING OVER ALL  
 SHELL:NICKEL PLATING OVER ALL

3.ELECTRICAL REQUIREMENTS:

CONTACT CURRENT RATING:1.8AMP(PIN1 AND PIN4 PIN7 OF THE USB3.0 ),  
 0.25AMP(OTHERS)  
 CONTACT RESISTANCE:30mOHM MAX  
 INSULATION RESISTANCE:100MOHM MIN  
 DURABILITY:MANDATORY:5.000 CYCLES

4.MECHANICAL REQUIREMENTS:

INSERTION FORCE:35N MAX  
 EXTRACTION FORCE:8N MIN  
 OPERATING TEMPERATURE:-55~85°

5.TERMINAL CONTACT:

GOLD PLATING ALL OVER 50U" MIN NICKEL AND 80"U  
 MIN TIN ALL OVER 50U" MIN NICKEL ON SOLDER AREA

6.SHELL:

80U" MIN NICKEL OVER 20"MIN COPPER

PIN NUMBER	SIGNAL NAME	DESCRIPTION
1	VBUS	POWER
2	D-	USB 2.0 DIFFERENTIAL PAIR
3	D+	
4	GND	GROUND FOR POWER RETURN
5	STDB-SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR
6	STDB-SSTX+	
7	GND_DRAIN	GROUND FOR SIGNAL RETURN
8	STDB-SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR
9	STDB-SSRX+	
SHELL	SHIELD	CONNECTOR METAL SHELL

RoHS Compliant

TOLERANCES ARE

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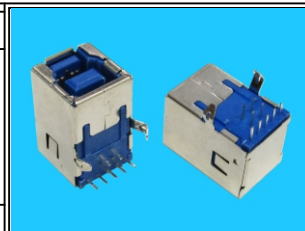
UNIT/mm SCALE 1:1

DATE

SIZE A4

X, ± 0.35  
 .X ± 0.25  
 .XX ± 0.15  
 .XXX ± 0.05  
 ANG ± 2°

P PROJECTION



ORDER INFORMATION

USB-SRBL-9B-LF  
 SERIES | | | LEADFREE  
 | | | 9 PIN B TYPE  
 | | | BLUE  
 | | | DIP 90°  
 | | | FEMALE

DESCRIPTION: USB 3.0 B TYPE 母座