

# ROHS

### NOTES:

#### A. Material:

1. Insulator: High temperature plastic UL94V-0
2. Contact: Copper Alloy (T=0.20mm)
3. Shell: SUS201 (T=0.30mm)

#### B. Electrical characteristics:

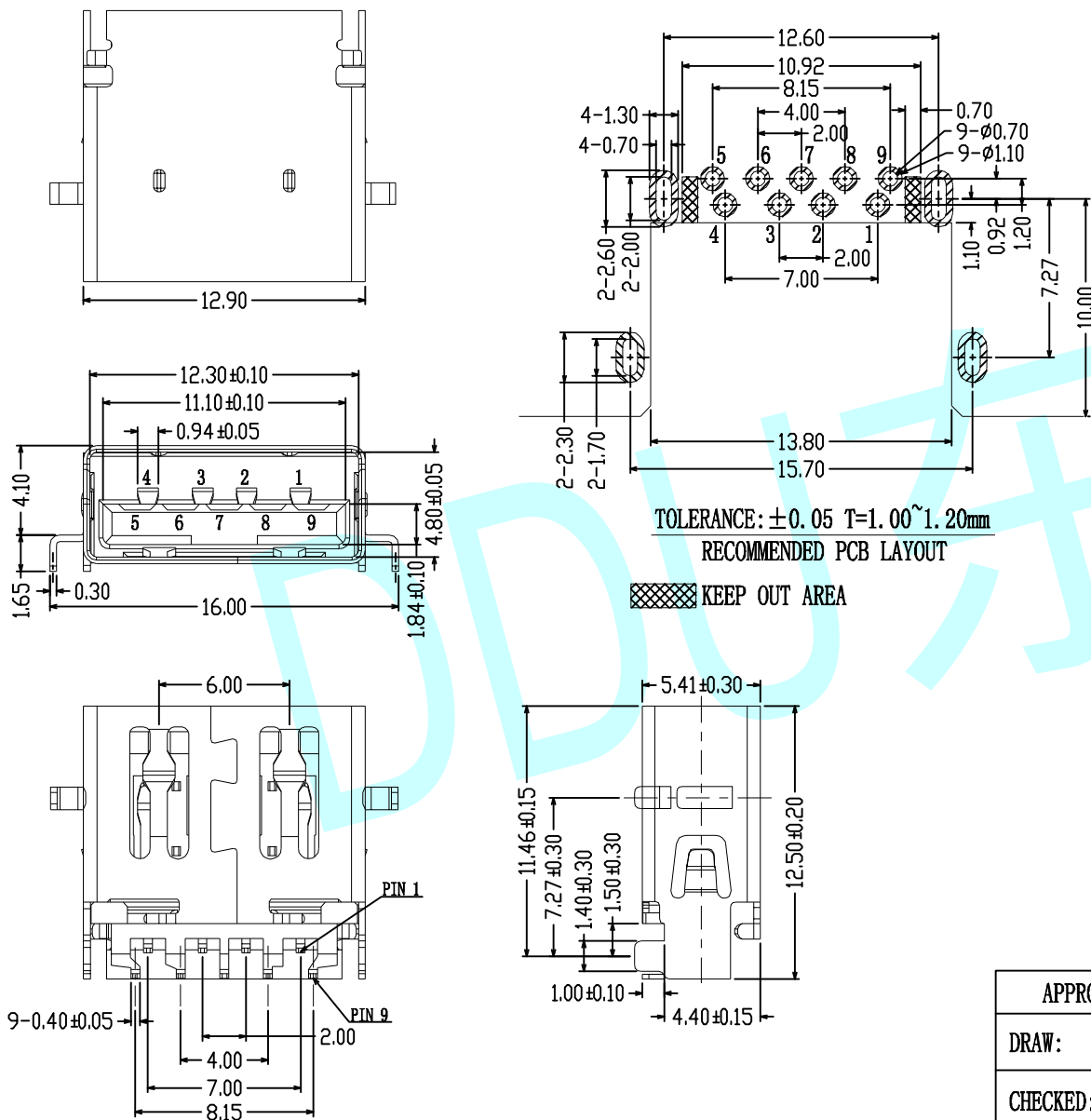
1. Contact resistance: 30mΩ max
2. Contact current rating: 1.5A
3. Dielectric withstanding voltage: 500V R.M.S
4. Insulation resistance: 100MΩ min
5. Operating temperature: -55°C~+85°C
6. Rate voltage: DC 30V

#### C. Mechanical characteristics:

1. Mating force: 10N min Initial; 8N min after test
2. Unmated force: 35N max
3. Durability: 5000 cycles

#### D. Plating:

1. Terminal contact: GOLD plating all over  
50u" min Nickel and 80u" min matte tin  
Nickel in solder area (SEE TAB)
2. Shell: 50u" min, Nickel all over



Pin No.	PART NAME	DESCRIPTION	MATING
1	VBUS	POWER	SEQUENCE SECOND
2	D-	USB2.0 DIFFERENTIAL PAIR	THIRD
3	D+		
4	GND	GROUND FOR POWER RETURN	SECOND
5	StdA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	
9	StdA_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	FRIST

APPROVALS		DATE	http://www.dongdudz.com	
DRAW:	ZRD	2023-12-6	TOLERANCE:	ANGLE:
CHECKED:	***	***	30≥	±0.30
APPOVALS:	***	***	10°30	±0.20
			5°10	±0.15
			≤5	±0.10
			±2°	

**东都电子**  
**DONGDU ELECTRONICS**

MODEL: USB CONNECTOR  
PART NO: USB 3.0-C1.0  
UNIT :mm SCALE: 1:1  
REV: A PAGE: 1/1