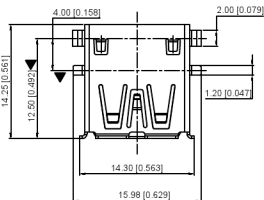
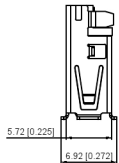


RECOMMENDED PCBA LAYOUT
(TOLERANCE±0.05)



Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+	DIFFERENTIAL PAIR	
4	GND	GROUND FOR POWER RETURN	SECOND
5	SSA_SSRX-	SUPER SPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	SSA_SSRX+	DIFFERENTIAL PAIR	
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	SSA_SSTX-	SUPER SPEED TRANSMITTER DIFFERENTIAL PAIR	
9	SSA_SSTX+	DIFFERENTIAL PAIR	
Shell	Shield	CONNECTOR METAL SHELL	FIRST

Material
Housing Material: LCP, UL94V-0, blue
Contact Terminal: Brass
Metallic Shell: Brass
Plating
Underplating: Nickel
Contact Plating: 1µ" Gold
Solder Tail: 100µ" Min. Tin
Metallic Shell: Nickel
Electrical
Voltage Rating: 100 V AC
Current Rating: 0.25A (Signal pins 2,3,5,6,7,8,9) 1.8A (Power Pins 1,4)
Contact Resistance: 30mΩ Max.
Insulation resistance: 1000MΩ Min.
Dielectric withstanding voltage: 100V AC/Minute
Mechanical
Durability: 5000 cycles
Mating Force: 35N (3.57kgf) Max
Unmating Force: 10N (1.02kgf) Min. initial, 8N min after test
Environmental and Processing
Operating Temperature: -40°C to +85°C
Salt Spray: 24H

U234-09XN-4BLT03-X 5

1 Au 10"
5 Au 150"
6 Au 300"
T: TIN
N: NICKEL
5 Brass
S: Scrolls F: Flat
B: BLACK W: WHITE BL: BLUE
1 PBT
2 PAET
3 PAET
4 LCP

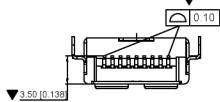
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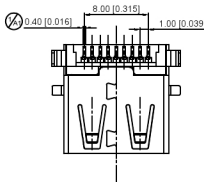
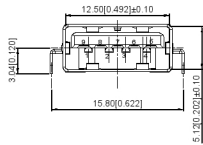
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REVISIONS
DATE REVISED APPROVED
UNSPECIFIED TOLERANCES

ANGULAR ±5°
L ≤ 4 ±0.2
4 < L ≤ 16 ±0.3
16 < L ≤ 63 ±0.4
L > 63 ±0.5

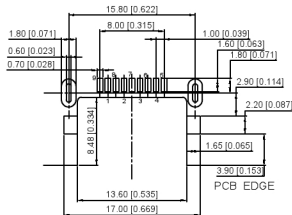
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DWNN	DATE	VIEW:	PART NO.:
CHKD	DATE	UNIT: mm/in	DWG NO.: U234-09XN-4BLT03-F5
APPD	DATE	SIZE: A4	REVISION
XKB INDUSTRIAL PRECISION CO., LIMITED			WEIGHT 1.0g SHEET 1/1 REVISION A0



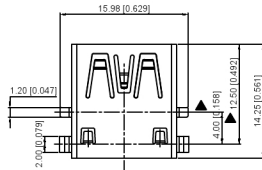
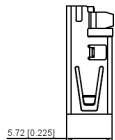
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Shell	Shield	CONNECTOR METAL SHELL	FIRST



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U234-09XN-4BLT03-X 5

- 1 Au 1µ"
- 5 Au 15µ"
- 6 Au 30µ"
- TIN
- NICKEL
- 5 Brass
- S-Scrolls F Flat
- B-BLACK W-WHITE BL-BLUE
- 1 PBT
- 2 PA6T
- 3 PA9T
- 4 LCP

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DATE REVISED APPROVED
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L ≤ 4	±0.2
4 < L ≤ 16	±0.3
16 < L ≤ 63	±0.4
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DSND	DATE	SCALE: NA	MODEL TYPE: USB 3.0
DWNN	DATE	VIEW:	PART NO.:
CHKD	DATE	UNIT: mm/in	DWG NO.: U234-09XN-4BLT03-S5
APPD	DATE	SIZE: A4	WEIGHT SHEET REVISION 1.0g 1/1 A0
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