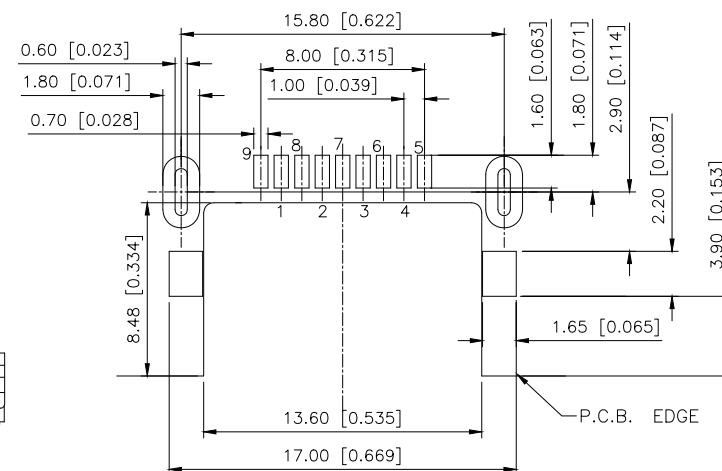
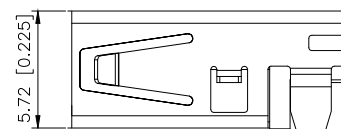
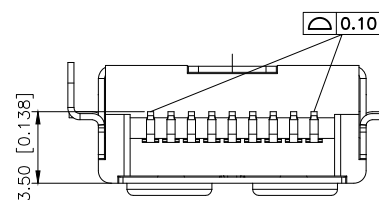
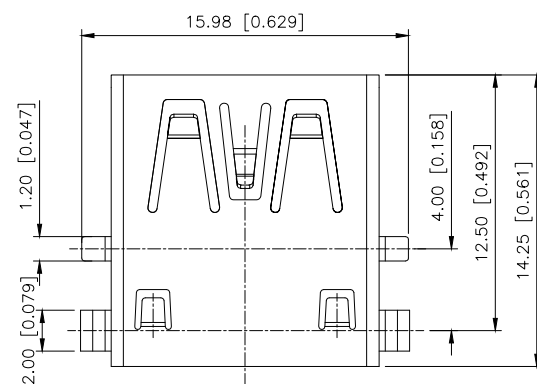
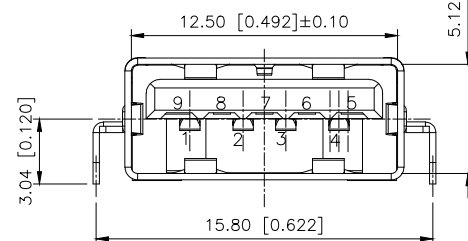
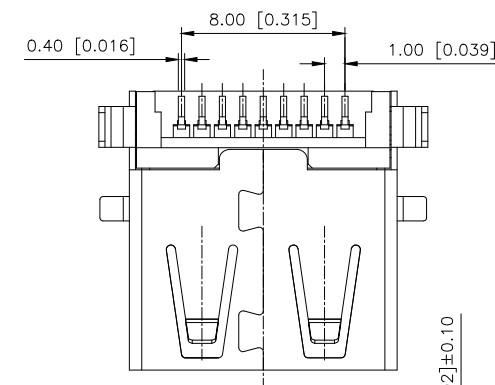




RECOMMENDED PCBA LAYOUT
(TOLERANCE ± 0.05)

U234-09XN-4BLT03-F5

1:AU 1U"
5:AU 15U"
6:AU 30U"
T:TIN
N:NICKEL

B:BLACK
W:WHITE
BL:BLUE

1:PBT
2:PA6T
3:PA9T
4:CP

5:BRASS
F:FLAT

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: 30m Ω Max.
Insulation resistance: 1000M Ω 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

Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 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

AuGLAR	$\pm 5^\circ$
X.	± 0.40
X.x	± 0.30
X.xx	± 0.20
X.xxx	± 0.15
UNSPECIFIED	TOLERAUCES



DESIGN	阿树	VIEW: 	MODEL TYPE: USB 3.0
CHECKED		UNIT: mm/in	PART NO.: U234-09XN-4BLT03-F5
APPROVED		SIZE: A4	DWG NO.:

SCALE	PAGE	REVISION
N/A	1/1	A1