

REV.	ECN No.	DESCRIPTION	REVISER	DATE
A		INITIAL RELEASE	Nick.Yu	20240819

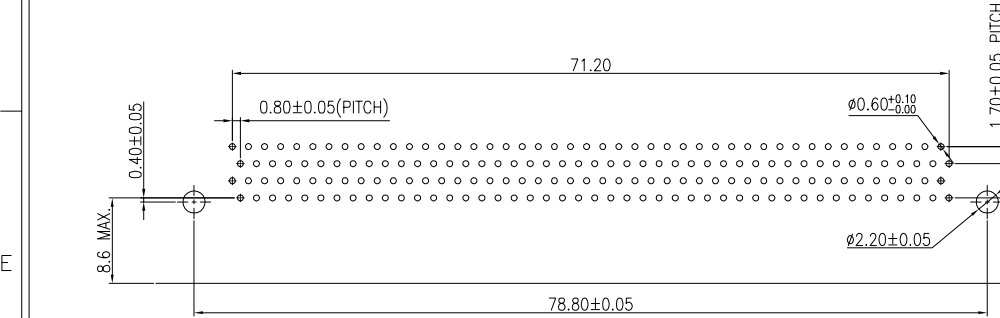
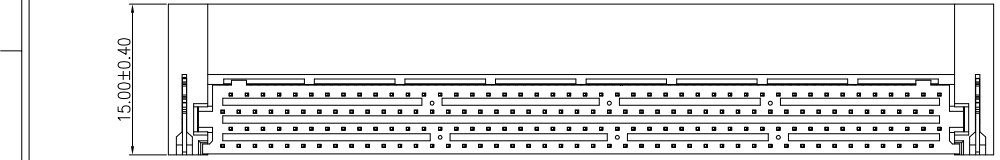
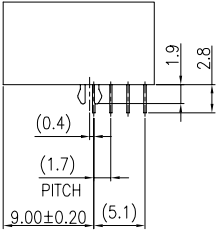
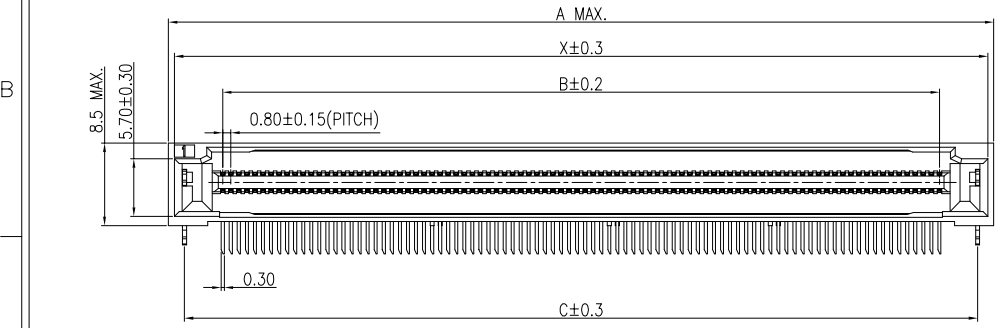
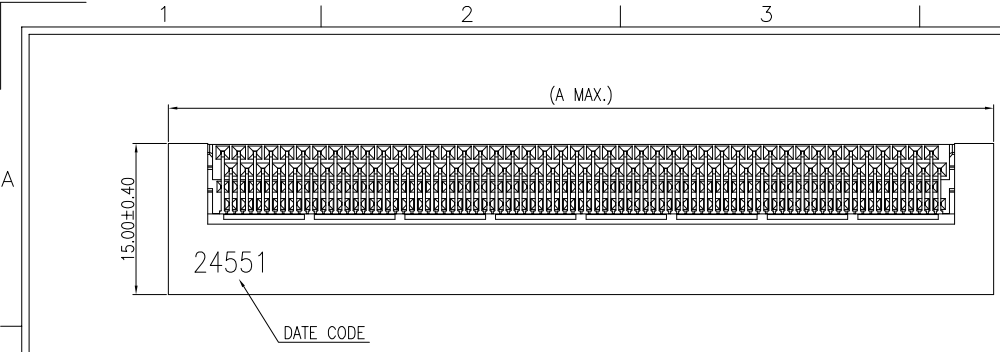
Notes:

- All Dimensions Shall Be Interpreted Per ANSI Y14.5M-1994.
- Material:
 - Housing: Glass Filled PBT, UL94V-0, Black.
 - Terminal: Copper Alloy, 4u" Gold Plating At Contact Area, 80u" Tin Plating At Solder Tail Area, 50u" Min. Nickel Under Plating.
 - Hook: Copper Alloy, 80u" Tin Plating at Allover, 50u" Min. Nickel Under Plating.
- Performance:
 - Current Rating: Signal:0.5A/Pin;
 - Voltage Rating: 50V (AC/DC)
 - Contact Resistance: Initial 70mOHM Max.
 - Insulation Resistance: 100MOHM Min.
 - Dielectric Withstanding Voltage:500V AC For 1Minute
 - Durability: 500 Cycles.
 - Operating Temperature:-40°C ~ + 85°C
Operating Humidity: 25% TO 85%
- Part No. Matrix:

B0803A9-2	**	A	-	OD	T	A	1
0.8mm Pitch Board To Board	A: Plug	9:DIP 90°	2: Double Row	Pin No.	20=40 Pin	30=60 Pin	1:Modify Code
					OD: 4u" Min. Gold+Sn		Body Height A: 8.5mm Max.
							Packing Code T: TRAY
							Plating Code
							Housing Color A: Black

PART No.	PIN No.	DIM.A	DIM.B	DIM.C	DIM.X
B0803A9-240A-ODTA1	80	42.2	31.2	38.8	40.8
B0803A9-250A-ODTA1	100	50.2	39.2	46.8	48.8
B0803A9-260A-ODTA1	120	58.2	47.2	54.8	56.8
B0803A9-270A-ODTA1	140	66.2	55.2	62.8	64.8
B0803A9-290A-ODTA1	180	82.2	71.2	78.8	80.8

DWG NO.	B0803A9	UNIT: mm	JCTC ® 胜蓝科技股份有限公司
TITLE:	0.8mm Pitch BTB	SCALE: 1:1	
REV: A	PAGE: 1/1		NAME 0.8mm Pitch BTB RIGHTANGLE PLUG DIP 180PIN CONN.
APPROVED:	Bill_Xiao	TOLERANCE UNSPECIFIED	
CHECKED :	Nick.Yu	x.x ± 0.40	PART No. B0803A9 SERIES
DESIGN :	Nick.Yu 8/19'24	x.xx ± 0.25	
		x' ± 3'	
		x.x' ± 1.5'	
		x.xx' ± 0.5'	



Recommend PCB Layout
Thickness: 1.60±0.05mm