

REV.	ECN.NO.	DATE
A	RELEASED	03/24/04
C	Modify SPEC	10/20-'21
D	Modify the description	11/01-'22

**NOTES:**

**\*Material**

Body: PPS, UL 94V-0.  
 Contacts: Phosphor Bronze.  
 Plating: Au Plating On Contact Area.  
 Sn(100u" Min.) Plating On Solder Tail.  
 Ni(50u" Min.) Underplating Overall.

**\*Mechanical**

Insertion Force: 196 Grams Max.  
 Withdrawal Force: 28 Grams Min.  
 Contact Retention: 1 lb. Min.  
 Durability: 100 Cycles.

**\*Electrical Specification**

Current Rating: 1 Ampere.  
 Contact Resistance: 30 Milliohms Max.  
 Insulation Resistance: 1000 Megohms Min.  
 Dielectric Withstanding Voltage: 500 VAC.

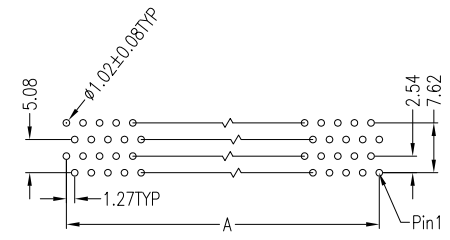
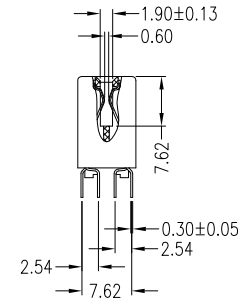
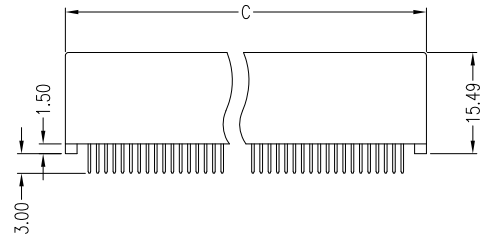
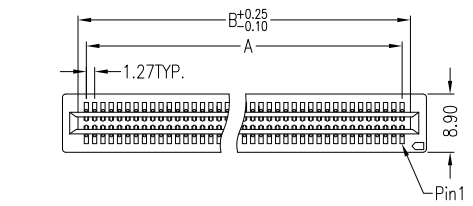
**\*Environmental**

Operating Temperature: -55°C To +105°C.

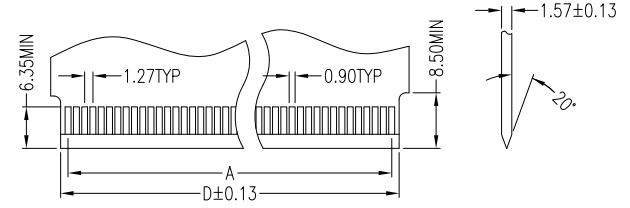
**\*How To Order**

W2C-XXXA131P1PU

- U: Lead Free
- P: Phosphor Bronze
- 1: Black
- P: PPS
- 1: Non-Post
- 3: 2&3 Row Staggered Position
- 1: One Card Slot
- Gold A: Flash D:15u"
- NO. of Contacts



P.C.B. Layout (±0.05)



Daughter Card Requirements (±0.05)

	DIM"A"	DIM"B"	DIM"C"	DIM"D"
10 Pin	5.08	7.62	10.80	7.37
12 Pin	6.35	8.89	12.07	8.64
20 Pin	11.43	13.97	17.15	13.72
30 Pin	17.78	20.32	23.50	20.07
40 Pin	24.13	26.67	29.85	26.42
50 Pin	30.48	33.02	36.20	32.77
60 Pin	36.82	39.37	42.55	39.12
80 Pin	49.53	52.07	55.25	51.82
100 Pin	62.23	64.77	67.95	64.52
120 Pin	74.93	77.47	80.65	77.22

REV	Modify the description			Drawing By	Date	WIN WIN PRECISION IND. CO., LTD.					
Units	mm	Scale	1:1	Rainy	11/21-'22	WIN WIN PRECISION IND. CO., LTD. TEL:886-2-22994155 FAX:886-2-22994157					
Tolerance Unless Otherwise Specified						Reviewed By	Date	Date	11/21-'22	Title	MCA 1.27mm DIP Type (Non-Post)
						Rosh	12/02-'22	Sheet	1 of 1		
						Approval By	Date	Third Angle Projection			
						Nancy	12/06-'22				
						Angle ~ ± 3°		Drawing No.	MCA-ALLPS-AN-N167	REV	D