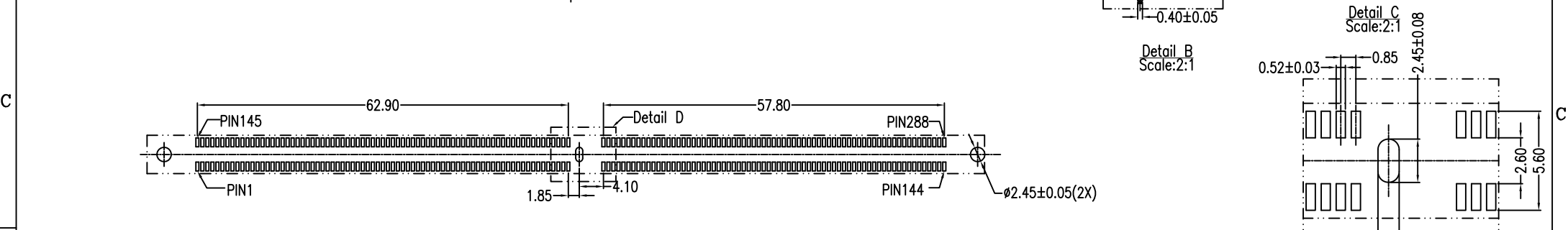
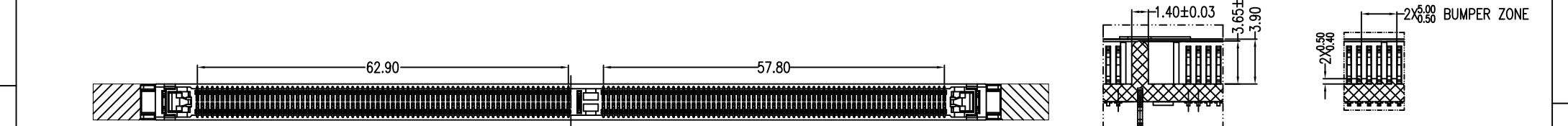
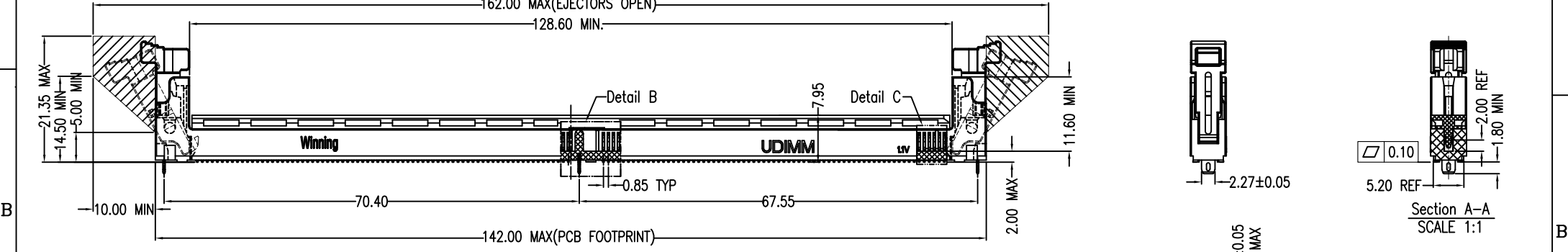
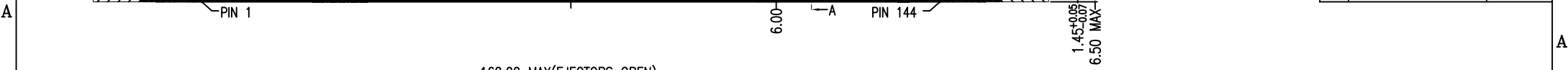


1 2 3 4 5 6 7 8

REV.	ECN.NO.	DATE
A	RELEASED	12/28-'21
B	1.Add 'blue' specification; 2.Modify the specification product name;	03/21-'22
C	1.Modify the structure and material of the cap; 2.Modify product structure	07/07-'23

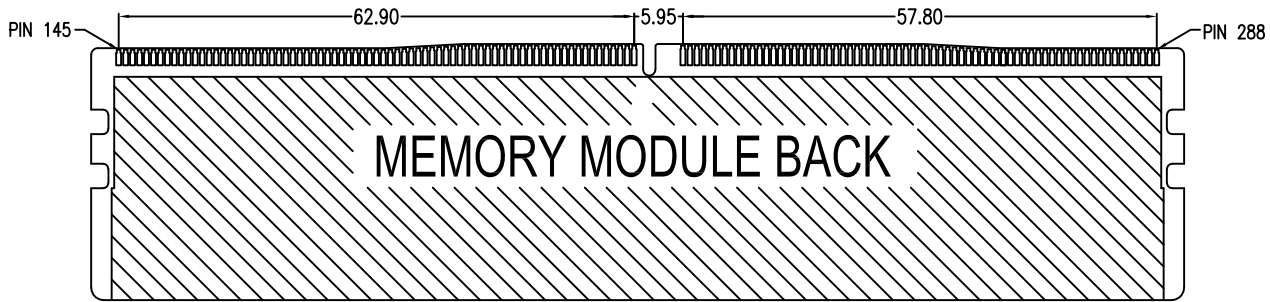
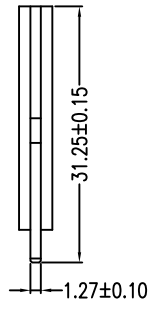
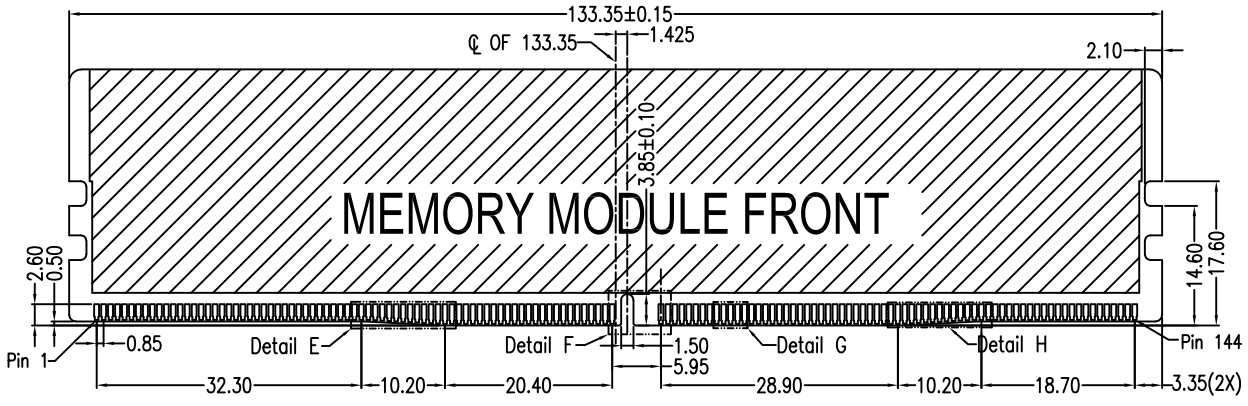


Top View Recommended P.C.B Layout  
GENERAL TOLERANCE±0.05

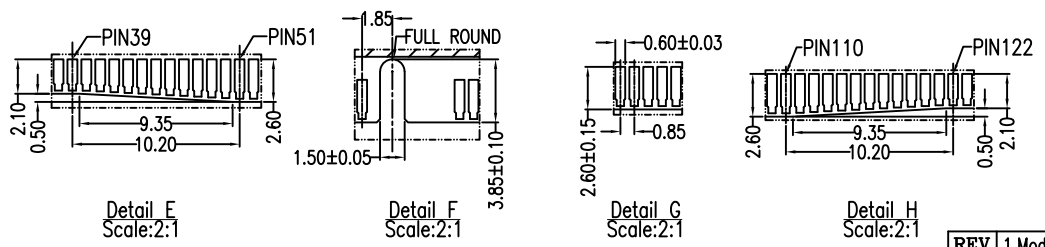
D

REV C 1.Modify the structure and material of the cap;2.Modify product structure.				Drawing By		Date		WIN WIN PRECISION IND. CO., LTD.	
Units	mm	Scale	1:1	Zym	7/7-'23	Date		WIN WIN PRECISION IND. CO., LTD.	
Tolerance Unless Otherwise Specified				Reviewed By	Charles	Date	7/10-'23	TEL: 886-2-22994155 FAX: 886-2-22994157	
.X ? ±0.35				Approval By	Nancy	Date	7/11-'23	Date	07/07-'23
.XX ? ±0.25				Third Angle Projection		Sheet	1 of 2	Title	
.XXX ? ±0.15								DDR5-288P 0.85mm Pitch	
Angle ? ± 3°								SMT Type(UDIMM)(Black Ear)	
				Drawing No.		WDD5S-288PS-AN-W121		REV	C

1 2 3 4 5 6 7 8



Recommended Module Layout



REV.	ECN.NO.	DATE
A	RELEASED	12/28-'21
B	1.Add 'blue' specification; 2.Modify the specification product name;	03/21-'22
C	1.Modify the structure and material of the cap; 2.Modify product structure	07/07-'23

**NOTES**

**MATERIAL:**

\*Body: Nylon10T, UL 94V-0.  
 Ejector: Nylon10T,UL 94V-0.  
 Cap: LCP,UL 94V-0.  
 Contact: Copper alloy.  
 Plating: Au Plating on contact area.  
 Sn(100u"Min) plating on solder Tail.  
 Ni(50u"Min) contact underplating overall.  
 Harpoon: Brass.  
 Plating: Sn(100u" Min.) Plating Overall.  
 Ni(50u" Min.) Underplating Overall.

**\*MECHANICAL:**

Contact Retention Force: 300 Grams Min. Per Pin.  
 Insertion Force: 106.8N Max.  
 Unmating Force: 19.77N Min.  
 Durability: 25 cycles.

**\*ELECTRICAL SPECIFICATION**

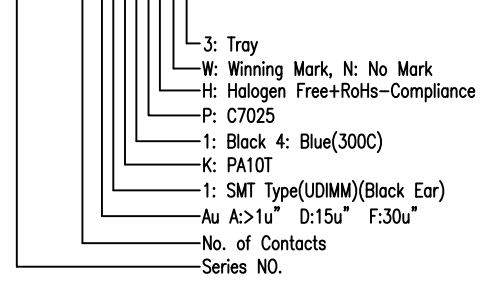
Contact Resistance: 40mΩ Max Initial ,Change from initial 20mΩ Max.  
 Insulation Resistance: Apply 500V DC 1MΩ Min.  
 Withstand Voltage: 500V AC.

**\*ENVIRONMENTAL:**

Solderability: Compliance with JESD22-B102;Condition C.  
 Vibration Unpackaged: Compliance with EIA-364-28.  
 Cyclic Temperature and Humidity: Compliance with EIA-364-31B.  
 Thermal shock: Compliance with EIA-364-32.  
 Operating Temperature: -40°C TO +85°C.  
 Shock Unpackaged: Compliance with EIA-364-27.

**\*How To Order**

WDD5S-288A1K1PHW3



Units	mm	Scale	1:1	Drawing By	Date	WIN WIN PRECISION IND. CO., LTD.	
Tolerance Unless Otherwise Specified				Zym	7/7-'23	WIN WIN TEL: 886-2-22994155 FAX: 886-2-22994157	
.X			±0.35	Reviewed By	Date	Date	07/07-'23
.XX			±0.25	Charles	7/10-'23	Sheet	2 of 2
.XXX			±0.15	Approval By	Date	Title	
Angle			± 3°	Nancy	7/11-'23	DDR5-288P 0.85mm Pitch SMT Type(UDIMM)(Black Ear)	
						Third Angle Projection	
						Drawing No.	WDD5S-288PS-AN-W121
						REV	C