

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1			INITIAL RELEASE	04/21'2025	JW.LI

PART NAME:

56XXG5 - 002H \* \* \* \* \*

PACKING CODE: 1: TRAY  
2: TAPE AND REEL

TYPE CODE: 1: VERTICAL

SHELL TAIL LENGTH CODE(DIM.A): 1: 1.5mm  
2: 2.2mm  
3: 3.0mm  
4: 4.2mm  
5: 1.2mm

CONVEX HULL OR NOT: 0: CONVEX HULL  
1: NO CONVEX HULL

PLATING CODE: 1: G/F  
2: 15u" Min  
3: 30u" Min

HALOGEN CODE: H: HALOGEN FREE

NO OF PIN: 15: 38PIN  
1H: 50PIN  
28: 74PIN  
3R: 124PIN  
4G: 148PIN

NOTES:

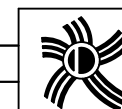
1. MATERIALS:

- 1.1 PLASTICS: HIGH TEMPERATURE THERMOPLASTIC, UL94V-0 BLACK;
- 1.2 CONTACT: COOPER ALLOY
- 1.3 SHELL: STAINLESS.

2. FINISH:

- 2.1 CONTACT: GOLD PLATING(SEE PART NUMBER) ON CONTACT AREA.  
2.54um[100u"] MIN. MATTE-TIN PLATING ON SOLDER TAIL AREA.  
1.27um[50u"] MIN. NICKEL UNDERPLATING OVER ALL.
  - 2.2 SHELL: 1.27um[50u"] MIN. NICKEL UNDERPLATING OVER ALL
3. RECOMMENDED STENCIAL THICKNESS: 0.15mm

DIM	TOL	DIM	TOL
.X	±0.30	.X	±2°
.XX	±0.20	.X	±1°
.XXX	±0.10		



**DEREN**

SHENZHEN DEREN ELECTRONIC CO., LTD

DRAW NO.

SC2410813-1

REV. X1

DESIGN:

WILSON

APPROVAL

TY

DATE

DATE

DATE

DATE

DATE

TITLE: MCIO GEN6.0 REC  
VERTICAL Type CONN

P\N: 5628G5-002H\*\*\*\*\*

SHEET: 1/3

SCALE: 1:1 UNIT: mm

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1			INITIAL RELEASE	04/21'2025	JW.Li

A

A

B

B

C

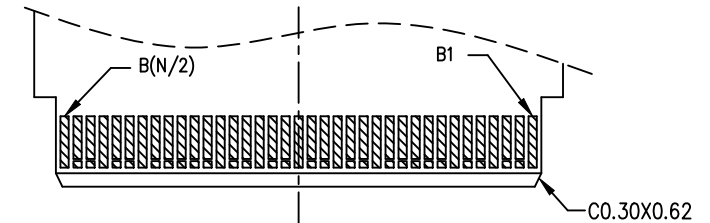
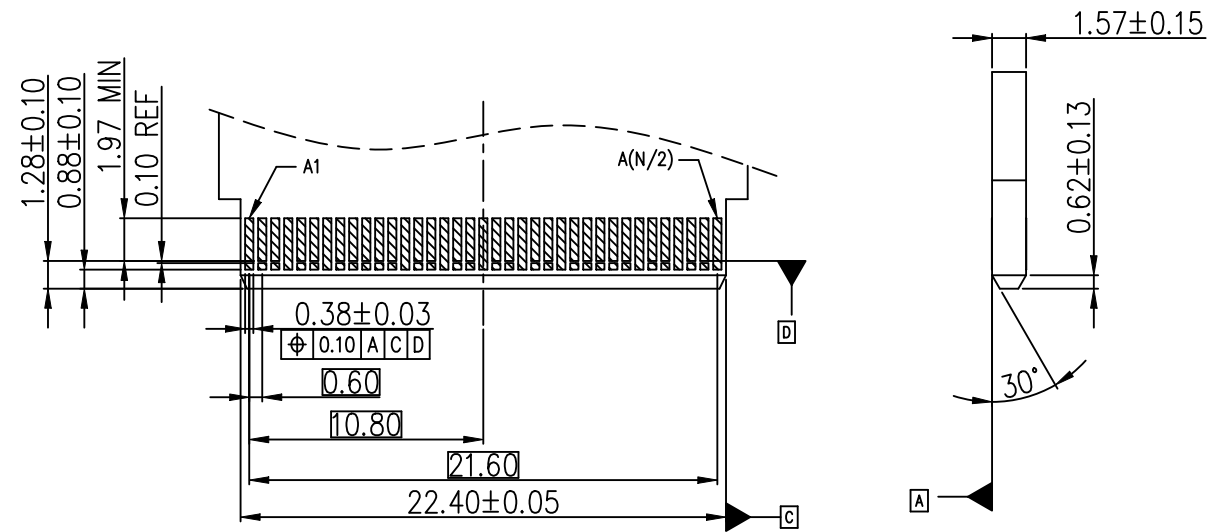
C

D

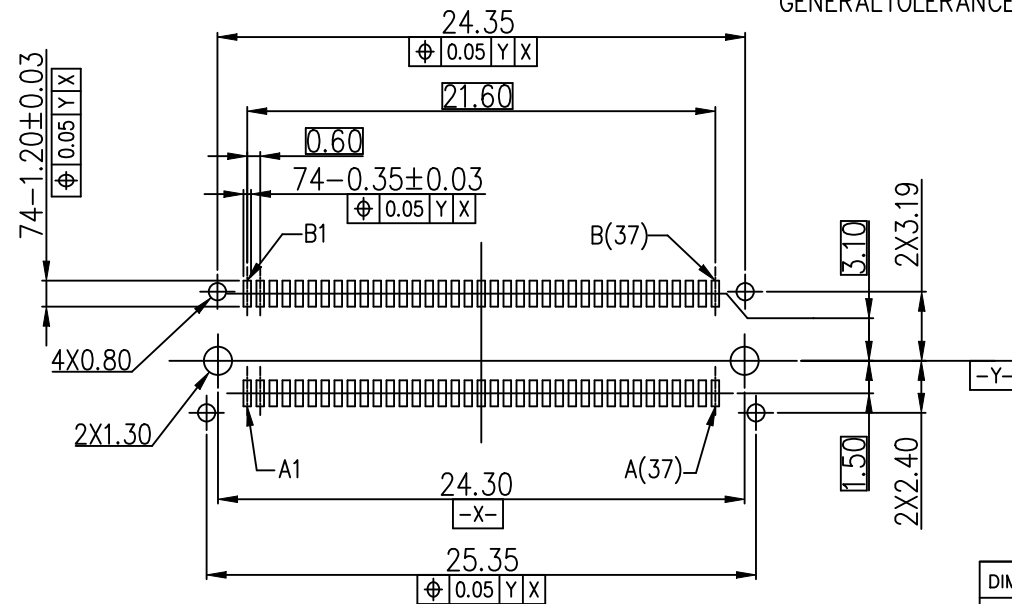
D

E

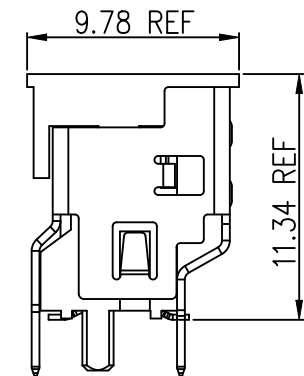
E



RECOMMENDED AIR MATING CARD DIMENSIONS  
GENERAL TOLERANCES: ±0.05



RECOMMENDED PCB LAYOUT  
GENERAL TOLERANCES: ±0.05



WITH CAP

DIM	TOL	DIM	TOL
.x	±0.30	x.	±2°
.xx	±0.20	.x	±1°
.xxx	±0.10		



**DEREN**

SHENZHEN DEREN ELECTRONIC CO., LTD

DRAW NO.

SC2410813-1

REV. X1

C-DWG:

DESIGN:

CHECK:

APPROVAL

TY

JW.Li

Wilson

Bill Lin

DATE

04/21'2025

04/21'2025

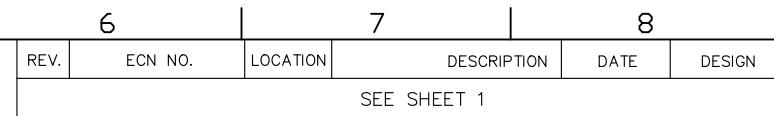
04/21'2025

TITLE: MCIO GEN6.0 REC VERTICAL Type CONN

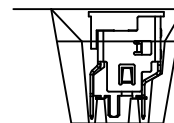
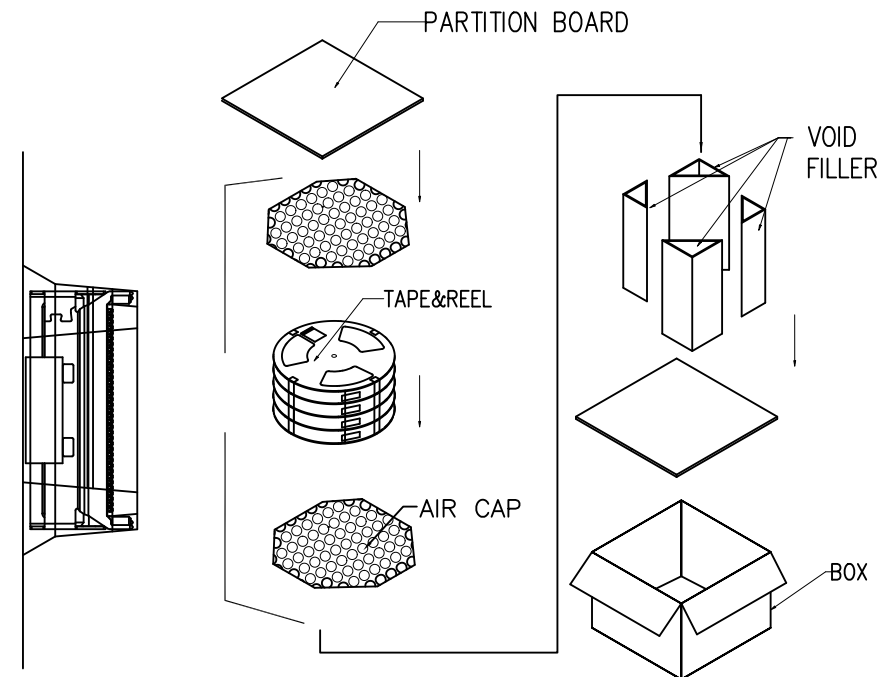
P\N: 5628G5-002H\*\*\*\*\*

SHEET: 2/3

SCALE: 1:1 UNIT: mm




- | PART NUMBER      | REEL<br>(Q*TY) | CARTON<br>(PCS) |
|------------------|----------------|-----------------|
| 5628G5-002H***** | 4              | 1400            |



DIM	TOL	DIM	TOL
.x	±0.30	x.	±2°
.xx	±0.20	.x	±1°
.xxx	±0.10		



SHENZHEN DEREN ELECTRONIC CO., LTD

C-DWG:	TY	DATE	TITLE: MCIO VENG.0 REC VERTICAL TYPE CONN			
DESIGN:	JW.Li	04/21'2025	P/N: 5628G5-002H*****			
CHECK:	Wilson	04/21'2025	SHEET:		3/3	
APPROVAL:	Bill Lin	04/21'2025	SCALE:		N/A	UNIT: mm