

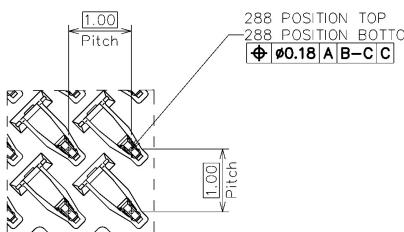
HF

Halogen Free

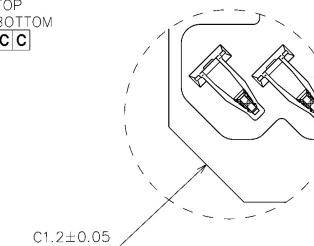
This technical drawing illustrates the dimensions and centerlines of a component assembly. The overall width is indicated as (33.60). A central vertical line is labeled CEN OF 33.60. The height of the assembly is (16.20). The top horizontal dimension is (28.81), and the bottom horizontal dimension is (10.59). A central horizontal dimension is (14.81). Vertical offsets include (0.19) on the left, (0.81) above the central line, and (2.46) and (1.54) on the right. Centerlines are marked with 'XX' at the top and bottom, and 'E-F' horizontally across the bottom. A diagonal dimension of (5.59) is shown from the bottom centerline to a point on the right side. A label 'DIREN' is located near the bottom centerline. A note 'Module number XX-XX'' is present near the bottom right corner.

The diagram illustrates a specimen holder assembly. It features a central horizontal bar with two cylindrical supports. A vertical scale bar on the left indicates a height of  $1.30 \pm 0.05$ . The top surface of the central bar is labeled "Top side" and the bottom surface is labeled "Bottom side". On the right, a vertical dimension of  $4 \times 1.50 \pm 0.05$  is shown, along with a horizontal dimension of  $4 \times 2.00 \pm 0.05$ . The entire assembly is mounted on a base indicated by a horizontal line at the bottom.

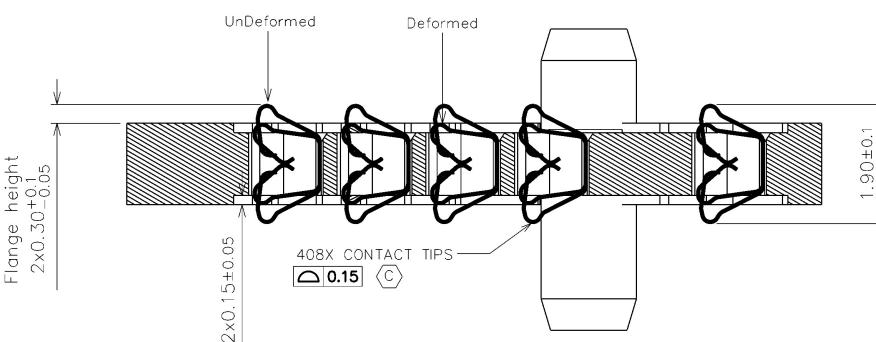
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1			INITIAL RELEASE	23/12/2024	Robin
X2			UPDATE TABLE A	21/2/2025	Robin



DETAIL E



DETAIL  
SCALE



DETAIL D-  
SCALE 5

Group: DD(automation)/TD(rework)  
Day: 1~7  
Week: 01~52 or 53  
Year: Y00~Y99

DETAIL G



DEREN

SHENZHEN DEREN ELECTRONIC CO., LTD

DIM	TOL	DIM	TOL		DEREN					
X.	±0.20	X.	±2°		SHENZHEN DEREN ELECTRONIC CO., LTD					
.X	±0.10	.X	±1°		C-DWG:		DATE	TITLE:	CAMM CONNECTOR LGA288 ASSEMBLY	
.XX	±0.05			DRAW NO.		DESIGN:	Robin	21/2'25	P/N: SEE TABLE A	
				SC2410910-1		CHECK:	Kenneth	21/2'25	SHEET: 1/4	
				REV.	X2	APPROVAL:	Andy	21/2'25	SCALE: 1:1	UNIT: mm

1 2 3 4 5 6 7 8

**HF**  
 Halogen Free

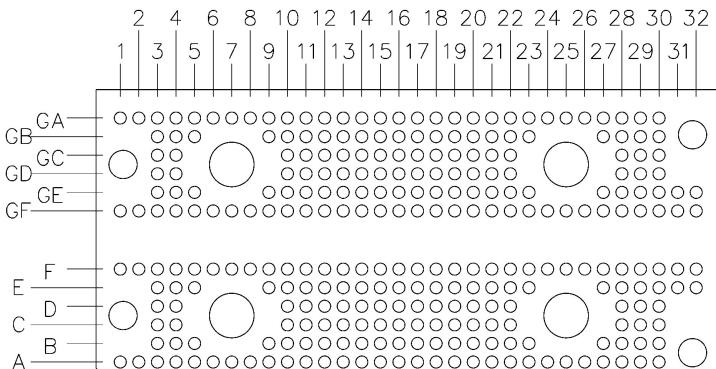
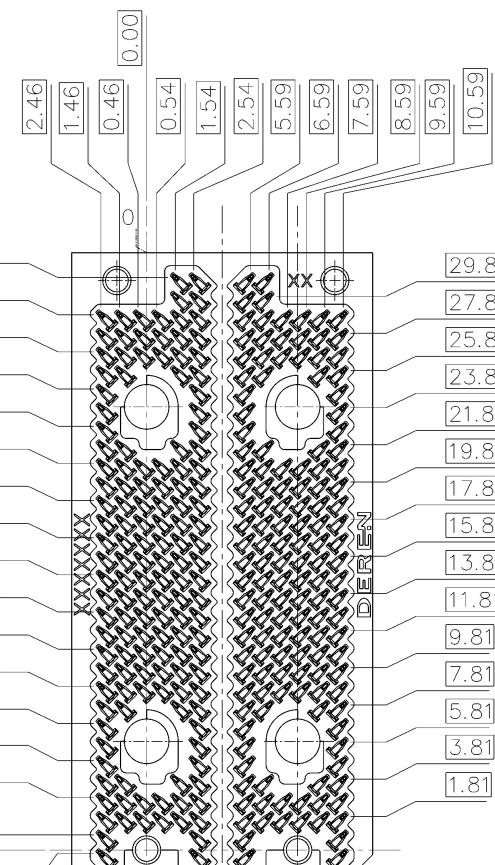
A

B

C

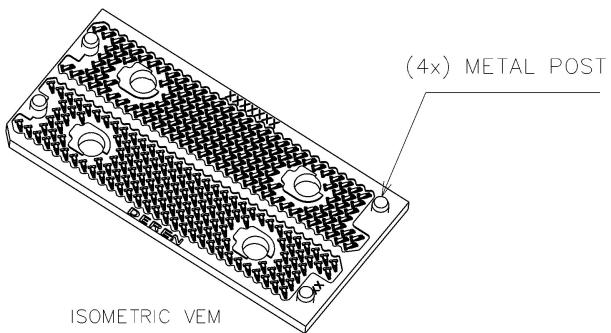
D

E



REFERENCE PATTERN LAYOUT

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1			INITIAL RELEASE	23/12'2024	Robin
X2			UPDATE TABLE A	21/2'2025	Robin



## NOTES :

PRODUCT MUST MEET CONTROLLED SUBSTANCES SPEC. ROHS 2.0

## 1. MATERIAL :

- 1.1 HOUSING: LCP, UL94V-0, COLOR: BLACK.
- 1.2 CONTACTS: COPPER ALLOY.

## 2. FINISH:

- CONTACT: Au PLATING ON CONTACT AREA (SEE TABLE A).  
[50u~100u"] NICKEL UNDERPLATING OVERALL.

## 3. Ⓢ CTF DIMENSION(CRITICAL TO FUNCTION) BY INTEL:

## 4. PRODUCT MUST MEET THE SPECIFICATION.

TABLE A:

ITEM NO.	DEREN P/N	CUSTOMER P/N	HOUSING	LCP UL94V-0,BLACK
			CONTACT	Au: 30u", Ni: 50u~100u"
			POST	SUS 304
1	568QC5-001H	TBD	HOUSING	LCP UL94V-0,BLACK
			CONTACT	GOLD FLASH, Ni: 50u~100u"
			POST	SUS 304
2	568QC5-002H	TBD	COMPONENT	SPECIFICATION

X2

DIM	TOL	DIM	TOL		DEREN			TITLE: CAMM CONNECTOR LGA288 ASSEMBLY
X.	±0.20	X.	±2°		C-DWG:		DATE	
.X	±0.10	.X	±1°	DESIGN:	Robin	21/2'25	P/N: SEE TABLE A	
.XX	±0.05			DRAW NO.	SC2410910-1	CHECK:	Kenneth	21/2'25
				REV.	X2	APPROVAL:	Andy	21/2'25
				SCALE:	1:1	UNIT:	mm	

1 2 3 4 5 6 7 8

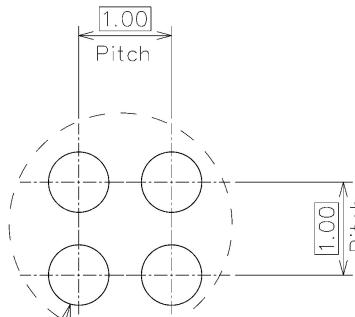
HF

### Halogen Free

This technical drawing illustrates a component's layout and dimensions. The overall width is (33.60). The top section has a height of (4.035) and includes a central vertical slot with a width of  $30.65 \pm 0.05$ . To the left of this slot is a vertical column with a height of (1.45) and a gap of [0.15] from the top edge. The right side of the slot has a height of  $23.85 \pm 0.05$  and a gap of  $5.85 \pm 0.05$  from the left edge. A horizontal line at the bottom of the slot is labeled (32.15). On the far left, a vertical dimension of (3.165) is shown, along with a horizontal dimension of 2.50. On the far right, a vertical dimension of (7.20) is shown, along with a horizontal dimension of  $1.60 \pm 0.05$ . A central horizontal row contains 32 circular holes, indexed from 2 to 32. Two circular features, labeled H and J, are located on the left and right respectively. A horizontal line connects them. Below this line, two diagonal dimensions of  $0.975$  are indicated. A vertical dimension of 1.20 is shown between two horizontal lines. At the bottom, there are four circular features. Two are labeled  $2 \times \phi 1.60 \pm 0.05$  NPTH, and two are labeled  $2 \times \phi 2.40 \pm 0.1$  NPTH. A note specifies a diameter of  $\Phi 0.10$  for the gap between H, J, and the bottom feature. A legend on the right lists symbols for GA, GB, GC, GD, GE, and GF.

# RECOMMEND GPU FOOTPRINT

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1			INITIAL RELEASE	23/12'2024	Robin
X2			UPDATE TABLE A	21/2'2025	Robin



144x $\phi$ 0.65±0.05  
CONTACT PADS ENIG  
OR GOLD PLATED

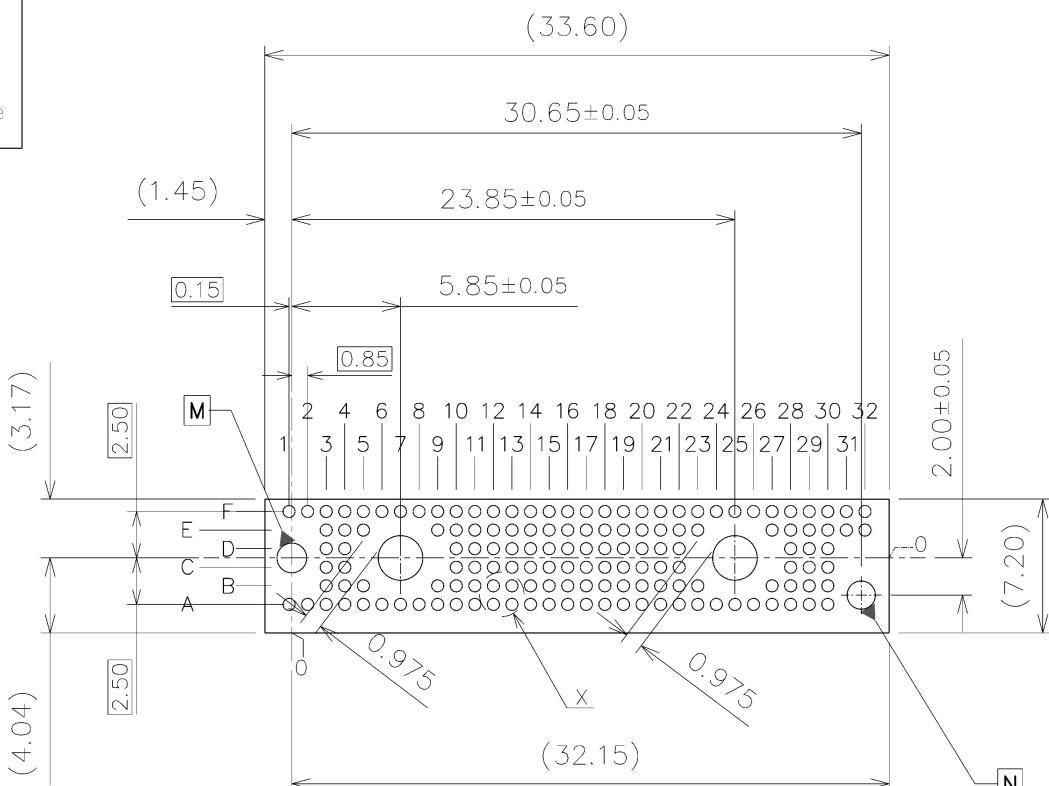
$\oplus$	$\phi 0.10$	K	H-J	J
	$\phi 0.05$	K		

DETAIL L  
SCALE 5:1

DIM	TOL	DIM	TOL		DEREN				
X.	±0.20	X.	±2°		SHENZHEN DEREN ELECTRONIC CO., LTD				
.X	±0.10	X	±1°		C-DWG:		DATE	TITLE:	CAMM CONNECTOR LGA288 ASSEMBLY
.XX	±0.05			DRAW NO. SC2410910-1	DESIGN:	Robin	21/2'25	P/N:	SEE TABLE A
					CHECK:	Kenneth	21/2'25	SHEET:	3/4 
				REV.	X2	APPROVAL:	Andy	SCALE:	1:1
							21/2'25	UNIT:	mm

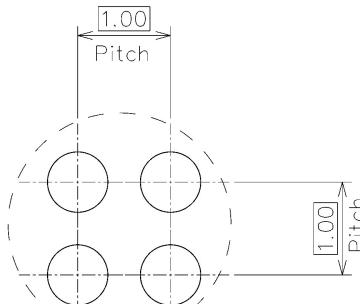
**HF**

Halogen Free



RECOMMEND MB FOOTPRINT

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1			INITIAL RELEASE	23/12'2024	Robin
X2			UPDATE TABLE A	21/2'2025	Robin



144xØ0.65±0.05  
CONTACT PADS ENIG  
OR GOLD PLATED

Ø0.10 Z M-N|N  
Ø0.05 Z

DETAIL X  
SCALE 5:1

DIM	TOL	DIM	TOL	<b>DEREN</b> SHENZHEN DEREN ELECTRONIC CO., LTD	C-DWG:		DATE	TITLE: CAMM CONNECTOR LGA288 ASSEMBLY  P/N: SEE TABLE A  SHEET: 4/4  SCALE: 1:1 UNIT: mm
X.	±0.20	X.	±2°		DESIGN:		21/2'25	
.X	±0.10	.X	±1°		CHECK:		21/2'25	
.XX	±0.05				APPROVAL:		Andy	
					REV.	X2		