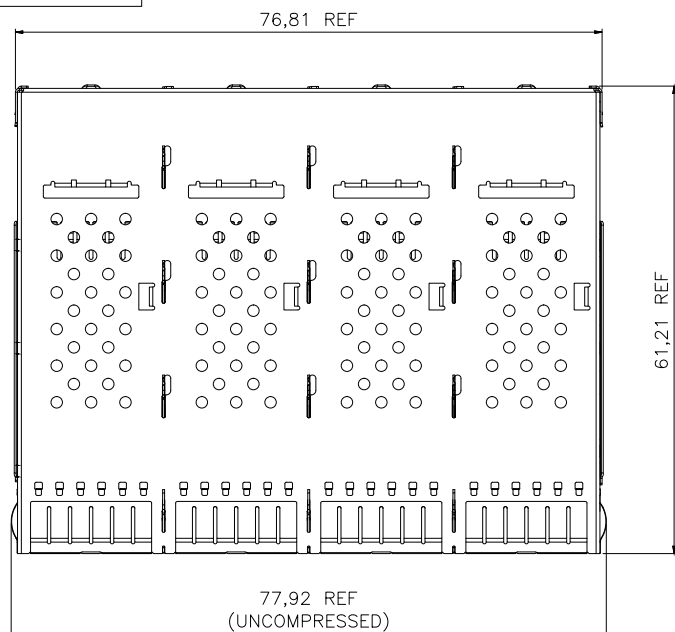




REV.	ECN. NO.	NAME	DATE
A0	----	-----	09-30-2026



1. MATERIALS:

CAGE UP: STAINLESS STEEL, 0.25 THICKNESS
CAGE DOWN: STAINLESS STEEL, 0.25 THICKNESS
PARTITION: STAINLESS STEEL
EMI FINGERS: STAINLESS STEEL

2. SURFACE FINISH:

BODY CAGE: CLEANING
EMI SPRING FINISH: CLEANING AND HOLE SEALING

3. MATE WITH QSFP MSA COMPATIBLE TRANSCEIVER.

4. INSIDE SURFACE OF CASKET WHEN FULLY COMPRESSED.

5. REFERENCE DOCUMENTS:

PRODUCT SPECIFICATION: SFF-8663

6. THIS PRODUCT COMPLY TO ROHS DIRECTIVE 2011/65/EU.

S-5014 1 0 0 - C 0 S A 4
1 2 3 4

1. REAR LEGS:

0=W/O REAR LEG
1=W/ 1 REAR LEG

2. LIGHT PIPE & CAP OPTION:

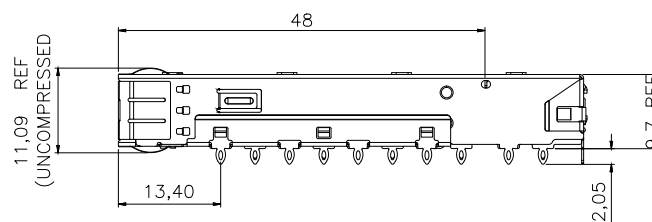
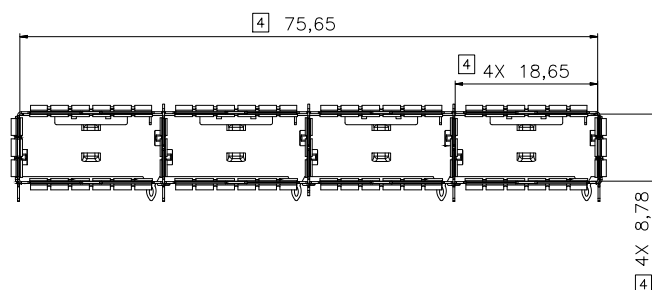
0=W/O Light Pipe, W/O CAP
1=W/ Light Pipe, W/O CAP
2=W/ Light Pipe, W/ CAP

3. LIGHT PIPE DIM "A" & PLATING OPTION:

0=W/O Light Pipe
1=DIM A=10.7mm, W/O Silver Color plating
2=DIM "A"=9.7mm, W/O Silver Color plating
3=DIM A=10.7mm, W/Silver Color plating
4=DIM "A"=9.7mm, W/Silver Color plating

4. PROCESS OPTION:

0=W/O Heatsink, Open Top
1=W/PCI(Heatsink 4.2mm)
2=W/SAN(Heatsink 6.5mm)
3=W/Networking(Heatsink 13.5mm)



GENERAL

. X $\pm$ 0.30
. XX $\pm$ 0.20
. XXX $\pm$ 0.10

TOLERANCE

. X $\pm$ 1°
. XX $\pm$ 5°



FOR YOUR
VITAL CONNECTION

TITLE:

QSFP28 1X4 CAGE

DRAWN BY:

Zou Long

PART NO:

S5014100C0SA4

SHEET:

1 OF 5

REV:

A0

CHECKED BY:

Bob

DWG NO:

VTC-TZ-00258

SIZE:

A4

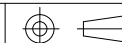
FCN:

A4

APPROVED BY:

QPF

PROJECTION:



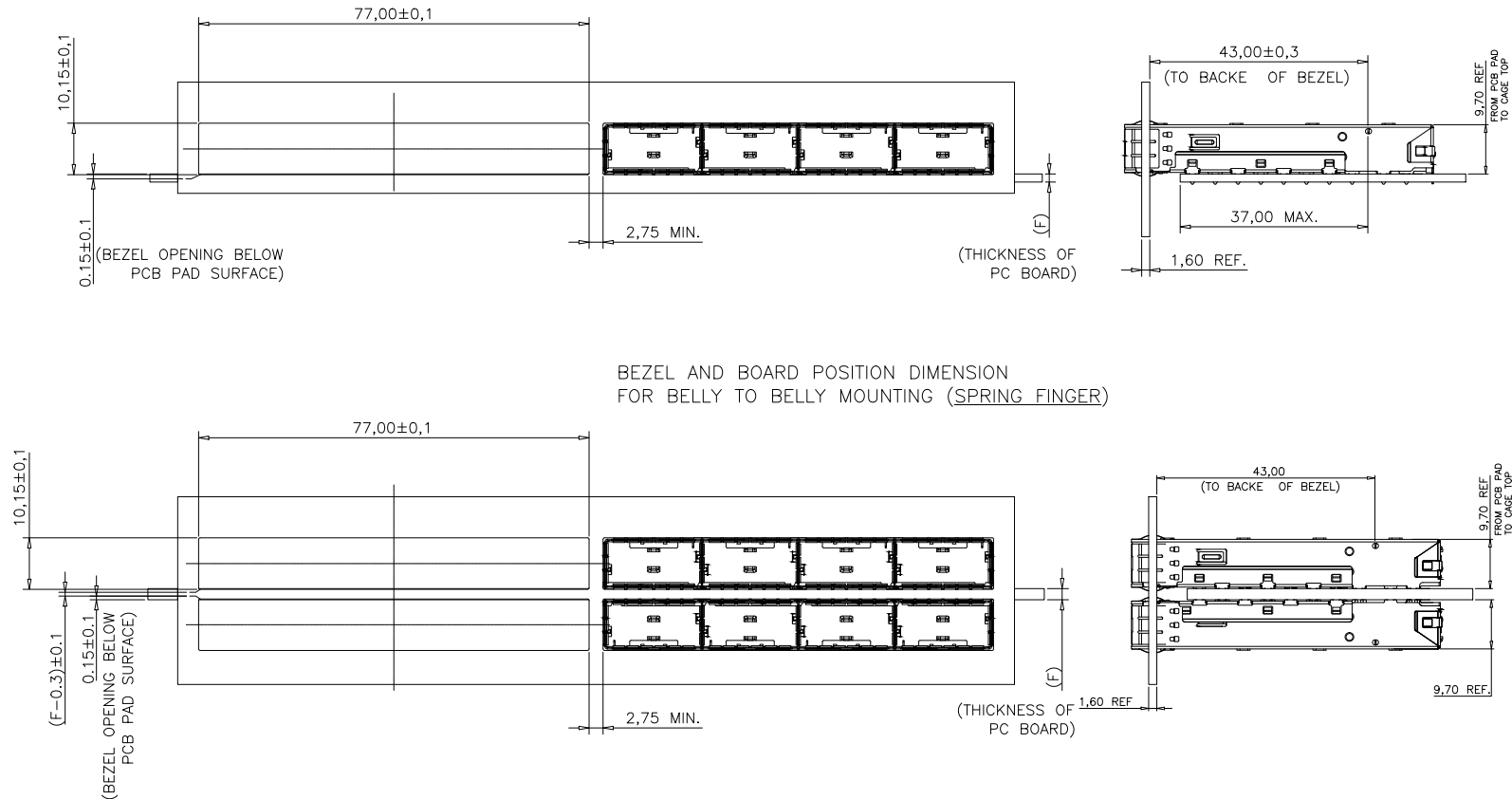
<http://www.vitalconn.com>

For technical support, please send an email to support@vitalconn.com



REV:	ECN. NO.	NAME	DATE
A0	-----	-----	09-30-2026

BEZEL AND BOARD POSITION DIMENSION
FOR SINGLE SIDE MOUNTING (SPRING FINGER)



NOTES:

1. THE NORMAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD.(DIM. "F")
SINGLE SIDED PC BOARD THICKNESS: 1.60mm MIN.
BELLY TO BELLY PC BOARD MIN. THICKNESS: 3.0mm MIN.
2. GENERAL TOLERANCE: ± 0.05 .

GENERAL

. $X \pm 0.30$
. $XX \pm 0.20$
. $XXX \pm 0.10$

TOLERANCE

. $X \pm 1^\circ$
. $XX \pm 5^\circ$



FOR YOUR
VITAL CONNECTION

TITLE:

QSFP28 1X4 CAGE

DRAWN BY:

Zou Long

PART NO:

S5014100C0SA4

SHEET:

2 OF 5

REV: A0

CHECKED BY:

Bob

DWG NO:

VTC-TZ-00258

SIZE: A4

UNIT:mm

FCN: A4

APPROVED BY:

QPF

PROJECTION:

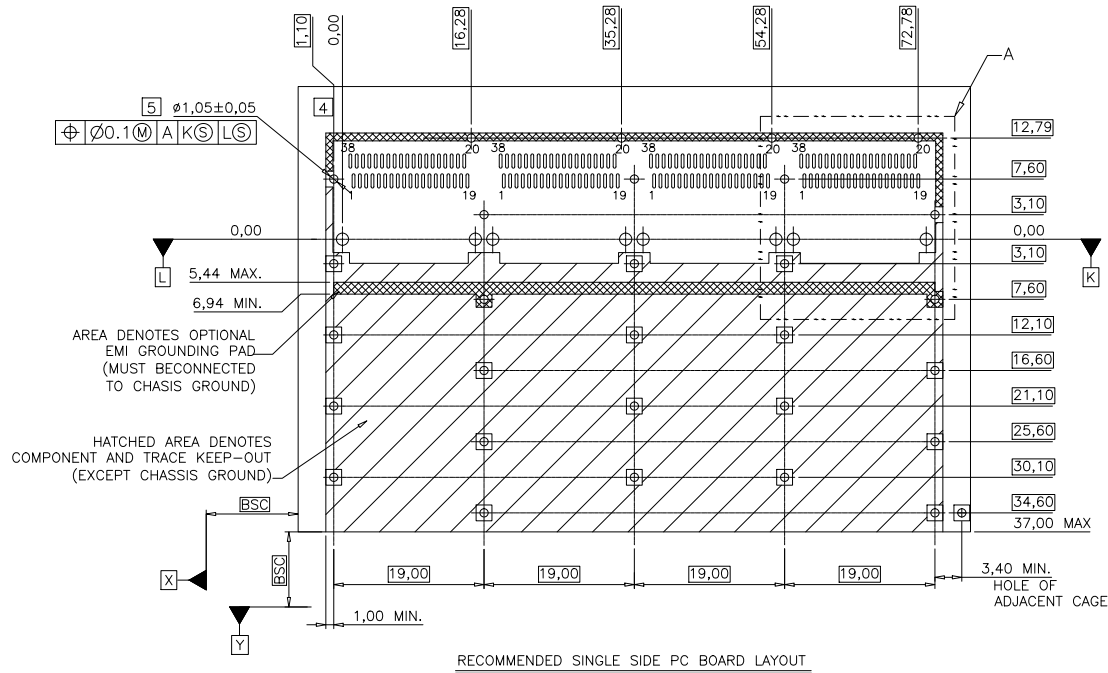


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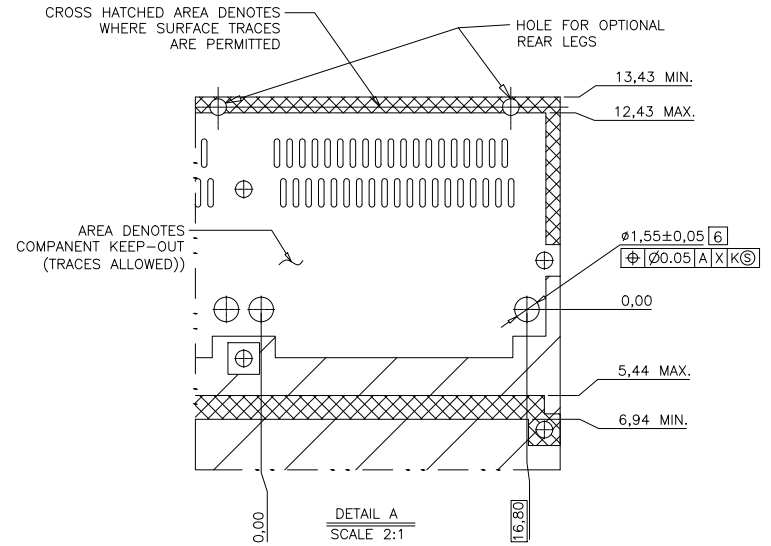
REV:	ECN. NO.	NAME	DATE
A0	----	-----	09-30-2026



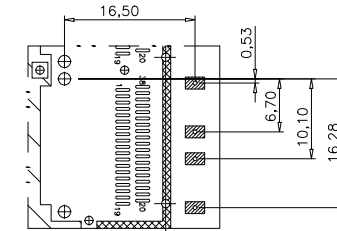
RECOMMENDED SINGLE SIDE PC BOARD LAYOUT

NOTES:

1. DATUM X & Y ARE ESTABLISHED BY THE CUSTOMER'S FIDUCIAL
2. DATUM A IS THE TOP SURFACE OF THE HOST BOARD
3. LOCATION OF THE EDGE OF PCB IS APPLICATION SPECIFIC
4. BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
5. FINISHED HOLE SIZE
6. UNPLATED THRU HOLE.
7. REFER TO SFF8662 FOR CONNECTOR FOOTING DIMENSIONS



FOR CAGE ASSEMBLIES WITH LIGHT PIPES



QUAD LIGHT PIPE LED LOCATION

GENERAL	TOLERANCE
. X ± 0.30	. X $\pm 1^\circ$
. XX ± 0.20	. XX $\pm 5^\circ$
. XXX ± 0.10	



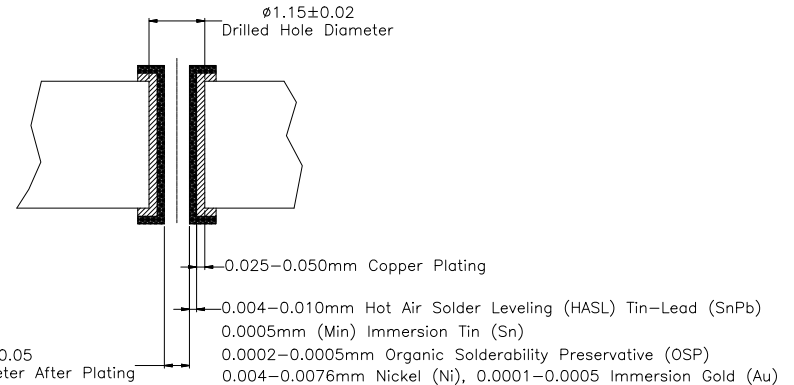
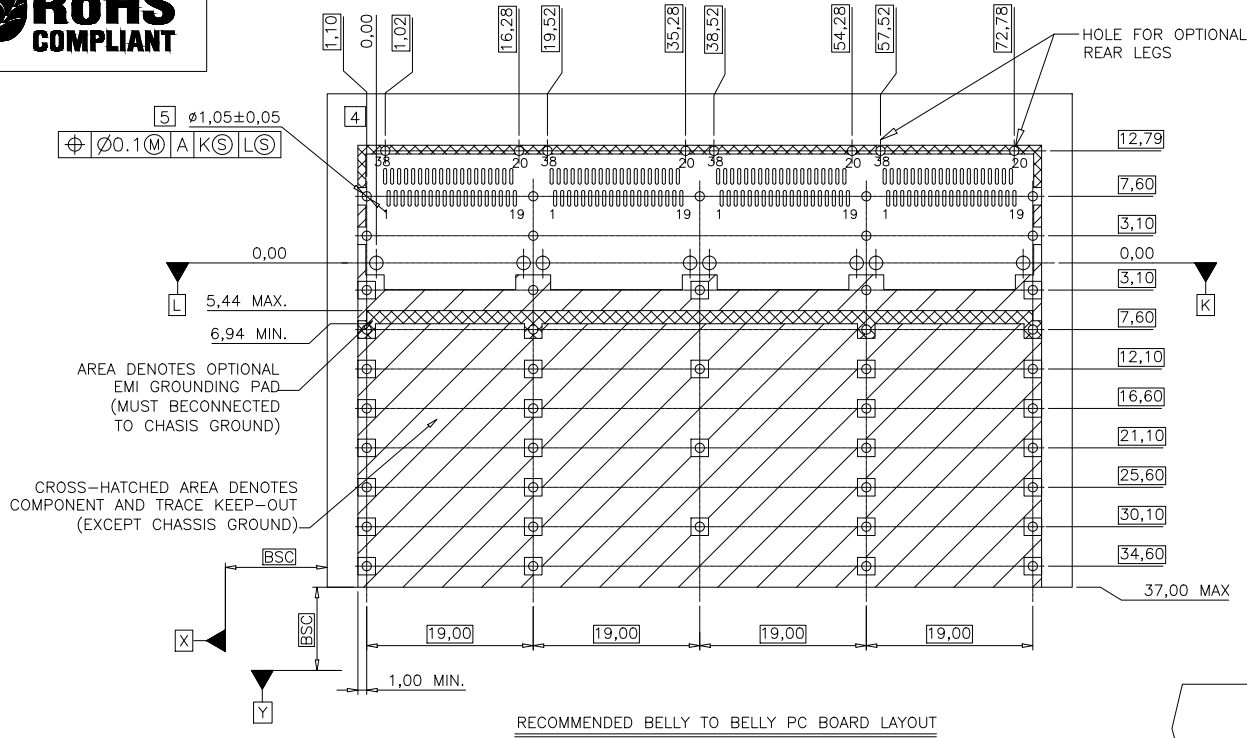
FOR YOUR
VITAL CONNECTION

TITLE:	QSFP28 1X4 CAGE				
DRAWN BY:	Zou Long	PART NO:	S5014100C0SA4	SHEET:	3 OF 5
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00258	SIZE:	A4
APPROVED BY:	QPF	PROJECTION:		UNIT:	mm
				FCN:	A4
					http://www.vitalconn.com

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A0	----	-----	09-30-2026



FINISHED HOLE SIZE SPECS

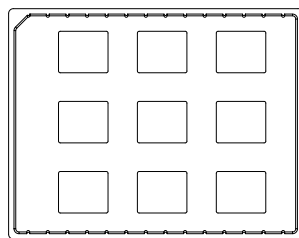
GENERAL		TOLERANCE		VITALCON		FOR YOUR VITAL CONNECTION	
. X ± 0.30		. X ± 1°		a vital connector company			
. XX ± 0.20		. XX ± 5°					
. XXX ± 0.10							
DRAWN BY:		Zou Long		PART NO:		S5014100C0SA4	
CHECKED BY:		Bob		DWG NO:		VTC-TZ-00258	
APPROVED BY:		QPF		PROJECTION:		http://www.vitalconn.com	

For technical support, please send an email to support@vitalconn.com

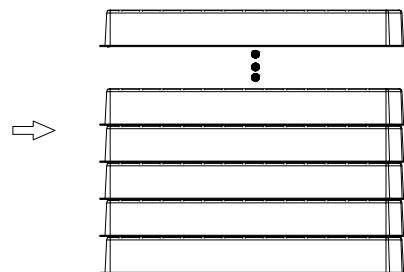


REV:	ECN. NO.	NAME	DATE
A0	-----	-----	09-30-2026

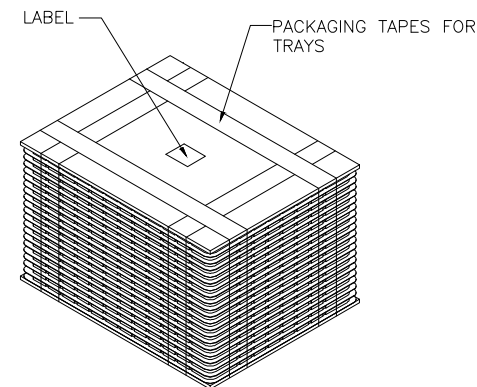
PACKAGE INFORMATION AND LABLE



1. 9 PCS PRODUCTS IN TRAYS

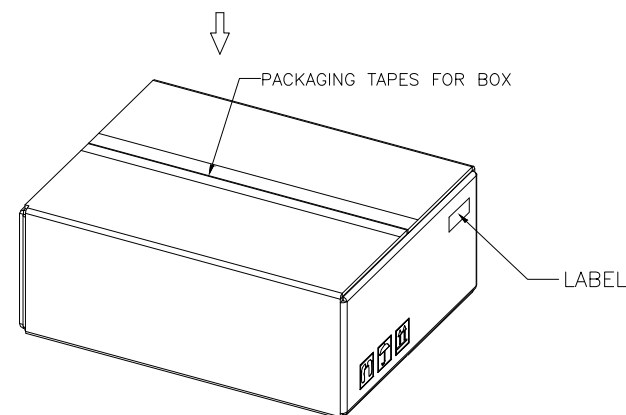


2. TRAYS OVERLAY:
(THE NEXT TRAY NEED ROTATE 180 DEGREE AND
PUT IT ON PREVIOUS TRAY.)
(将每个托盘水平方向成180度摆放)



3. LABEL & PACKAGING TAPES FOR TRAYS:

PACKAGING LISTS	
ITEM	Q'TY
PRODUCT	72 PCS
TRAY	8 PCS
BOX(L340*W265*H200MM)	1 PCS
LABLE	2 PCS
PACKAGING TAPES	8 M (ABOUT)



4. LABEL & PACKAGING TAPES FOR BOX

GENERAL
. X $\pm$ 0.30
. XX $\pm$ 0.20
. XXX $\pm$ 0.10

TOLERANCE
. X $\pm$ 1°
. XX $\pm$ 5°

VITALCON
a vital connector company

FOR YOUR
VITAL CONNECTION

TITLE:

QSFP28 1X4 CAGE

DRAWN BY:

Zou Long

PART NO:

S5014100C0SA4

SHEET:

5 OF 5

REV: A0

CHECKED BY:

Bob

DWG NO:

VTC-TZ-00258

SIZE: A4

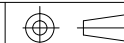
UNIT:mm

FCN: A4

APPROVED BY:

QPF

PROJECTION:



<http://www.vitalconn.com>

For technical support, please send an email to support@vitalconn.com