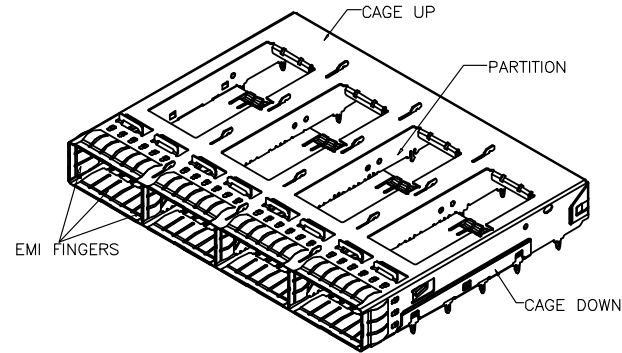
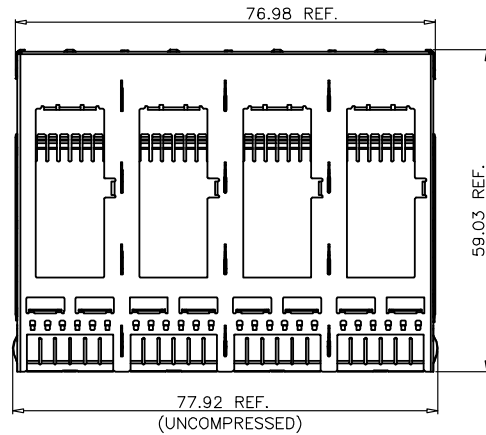


REV.	DESCRIPTION	MDF'D	APP'D	DATE
01	INITIAL DESIGN	Joanna	Forrest	10/31/2014
02				
03				

CAGE DETAILS, SPRING FINGER



1. MATERIALS:

CAGE UP: STAINLESS STEEL, 0.25 THICKNESS
CAGE DOWN: STAINLESS STEEL, 0.25 THICKNESS
PARTITION: STAINLESS STEEL
EMI FINGERS: STAINLESS STEEL
HEATSINK: ALUMINUM
HEATSINK CLIP: STAINLESS STEEL
LIGHT PIPE MATERIAL: CLEAR POLYCARBONATE

2. SURFACE FINISH:

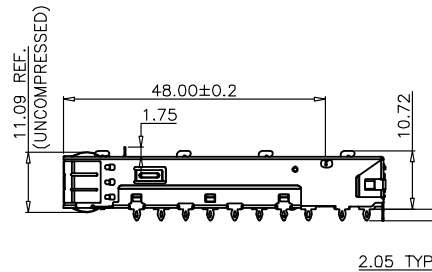
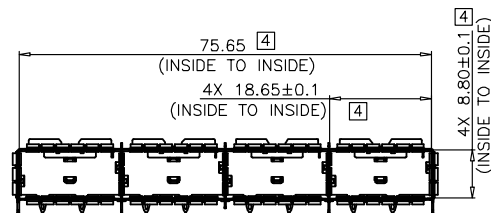
BODY CAGE: CLEAN AND HOLE SEALING
EMI FINGERS FINISH: CLEAN AND HOLE SEALING
HEATSINK FINISH: CLEAR PASSIVATION
HEATSINK CLIP FINISH: CLEAR PASSIVATION

3. MATE WITH QSFP MSA COMPATIBLE TRANSCEIVER.

4. INSIDE SURFACE OF CASKET WHEN FULLY COMPRESSED.

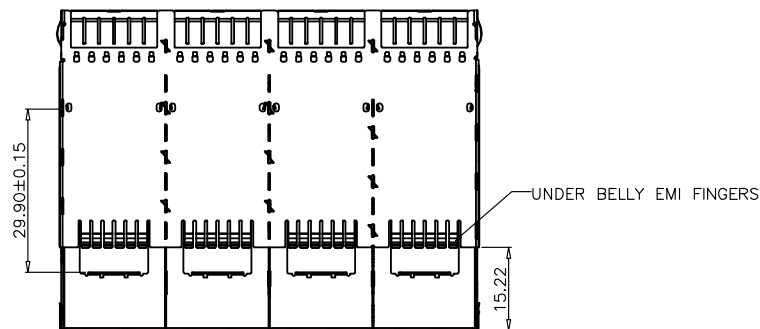
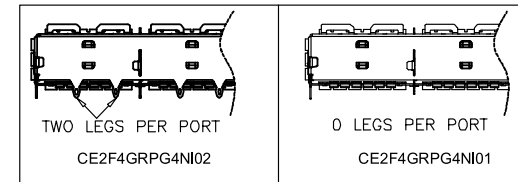
5. REFERENCE DOCUMENTS:
PRODUCT SPECIFICATION: QSFP MSA

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



REAR PINS ARE OPTIONAL
TWO LEGS OR NO LEG PER PORT

REAR LEG OPTIONALS



RoHS COMPLIANT	Unit : mm	PROJECTION		
	GENERAL TOLERANCES: (UNLESS SPECIFIED)			
	0 = ±.45 0.0 = ±.30 0.00 = ±.20 0.000 = ±.10 0° = ±2° 0.0° = ±1°	D.R. 10/31/2014 Joanna Lin CHK 10/31/2014 Michael Chu APV.D 10/31/2014 Forrest Chan	TITLE QSFP+ 1x4 CAGE ASS'Y PRESS FIT	DRAWING NO. 020141031002
			SCALE 2:1 SIZE A4 PART NO. CE2F4GRPG4N1XX	REV. 01 SH,T NO. 1 OF 4

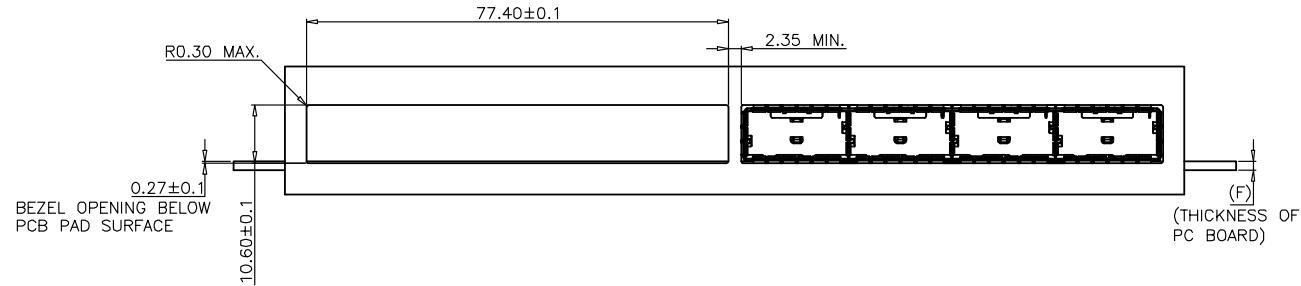
THIS DRAWING AND THE DATA DISCLOSED HEREIN OR HEREWITH IS NOT TO BE REPRODUCED USED OR DISCLOSED IN WHOLE OR IN PART TO ANYONE WITHOUT THE PERMISSION OF CONNPRO INDUSTRIES INC.

CUSTOMER DRAWING

REV.	DESCRIPTION	MDF'D	APP'D	DATE
01	INITIAL DESIGN	Joanna	Forrest	10/31/2014
02				
03				

A

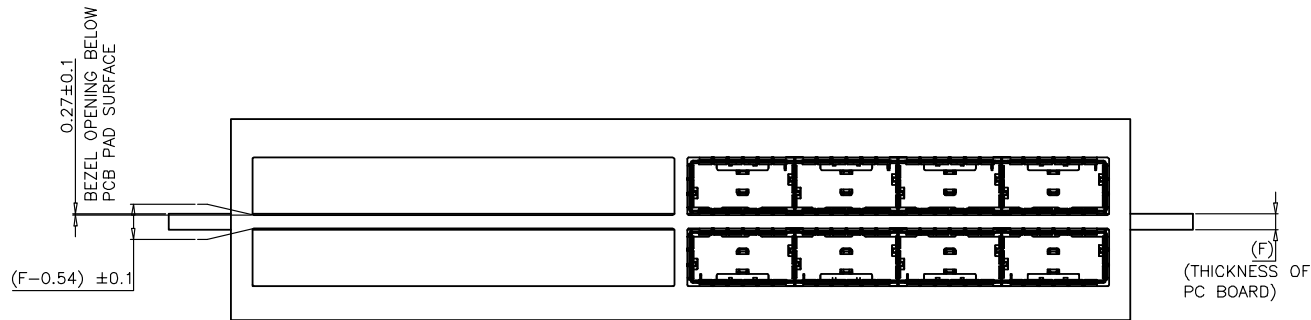
B



RECOMMENDED SINGLE SIDE MOUNTING BEZEL DESIGN

C

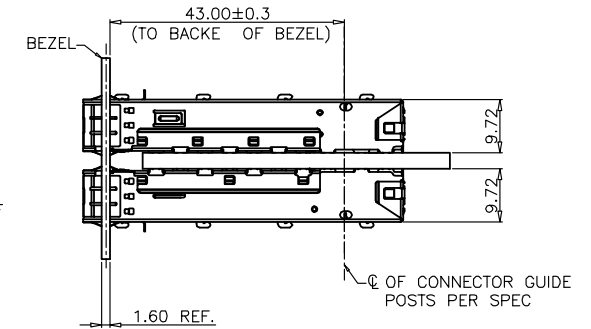
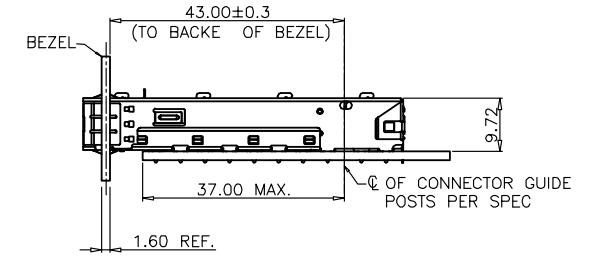
D



RECOMMENDED BELLY TO BELLY MOUNTING BEZEL DESIGN



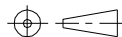
E

F



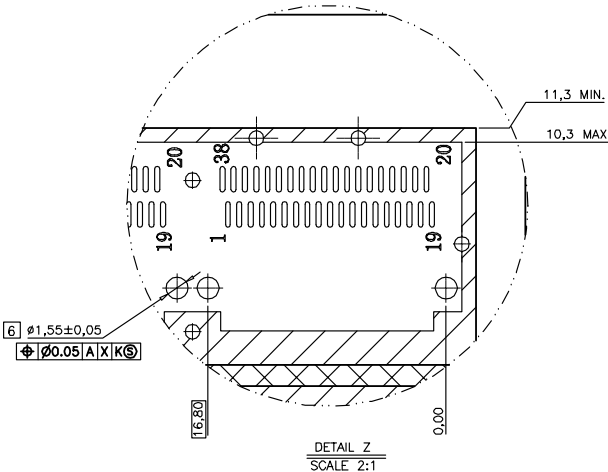
NOTES:

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

ROHS COMPLIANT		Unit : mm	PROJECTION				
		GENERAL TOLERANCES: (UNLESS SPECIFIED)					
		0 = ±.45	D.R. 10/31/2014	TITLE		DRAWING NO.	
		0.0 = ±.30	Joanna Lin	QSFP+ 1x4 CAGE ASS'Y PRESS FIT		020141031002	
		0.00 = ±.20	CHK 10/31/2014				
		0.000 = ±.10	Michael Chu				
		0° = ±2°	APV.D 10/31/2014	SCALE	SIZE	PART NO.	REV. 01
		0° = ±1°	Forrest Chan	2:1	A4	CE2F4GRP4N1XX	SH,T NO. 2 OF 4

CUSTOMER DRAWING



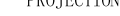
REV.	DESCRIPTION	MDF'D	APP'D	DATE
01	INITIAL DESIGN	Joanna	Forrest	10/31/2014
02				
03				



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.

RoHS COMPLIANT		Unit : mm	PROJECTION					
		GENERAL TOLERANCES: (UNLESS SPECIFIED)						
		0 = +.45	D.R.	10/31/2014	TITLE		DRAWING NO.	
		0.0 = +.30	Joanna Lin		QSFP+ 1x4 CAGE ASS'Y PRESS FIT		020141031002	
		0.00 = +.20	CH.K	10/31/2014				
		0.000 = ±.10	Michael Chu		SCALE	SIZE	PART NO.	REV. 01
		0° = ± 2°	AP.V.D	10/31/2014	2:1	A4	CE2F4GRPG4N1XX	SH,T NO. 3 OF 4
		0.0° = ± 1°	Forrest Chan					