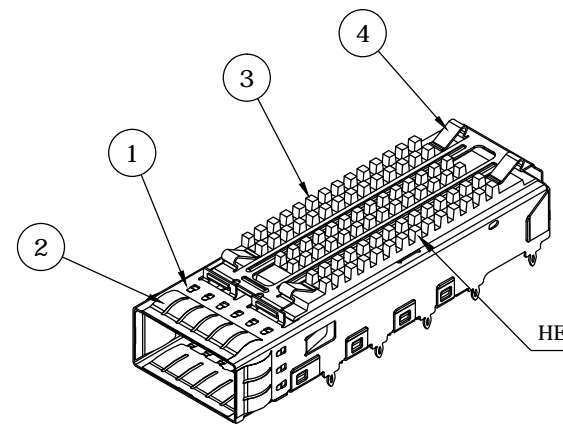
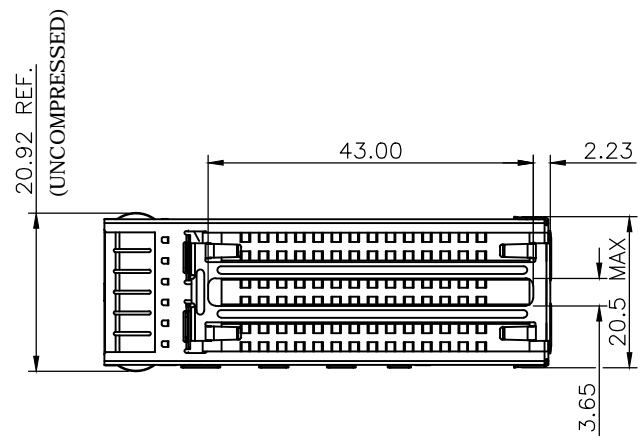
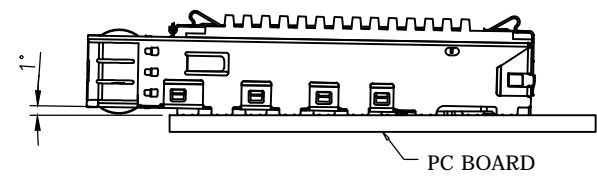
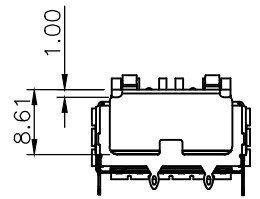
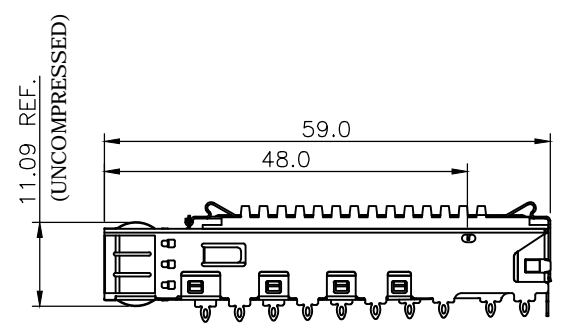


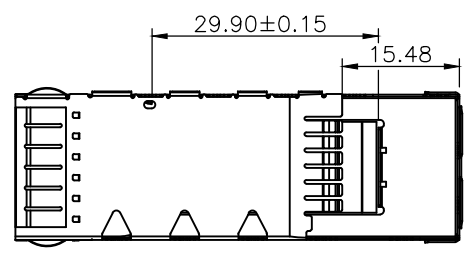
REV.	DESCRIPTION	DRAWN	DATE
1	INITIAL RELEASE	TIM	2016/09/12



HEATSINK OPTIONALS : SEE SHEET #2



CAGE DETAILS, SPRING FINGER (1°)



4	Heat Sink Clip	Stainless Steel
3	Heat Sink	Aluminum
2	EMI Finger	Stainless Steel
1	Cage Body	Stainless Steel 0.25t

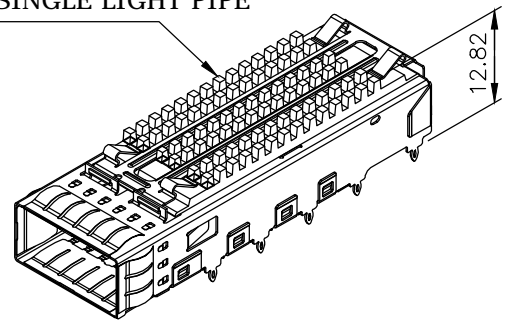
NO.		PART NAME		DESCRIPTION	
UNLESS OTHERWISE SPECIFIED TOLERANCE					
UNIT:	DECIMAL	LINEAR	ANGLES		
	mm	X.	±0.50	±5°	
		X.X	±0.25	±3°	
	X.XX	±0.12	±1°		
DRAWN	Tim	2016/09/12	DRAWN NAME:		
CHECKED	Fros	2016/09/12	QSFP Connector, 1x1 Port Press fit type cage with heatsink		
APPROVED	Ken	2016/09/12	PRODUCT NO.	223C-1105	
SCALE	1/1	SHEET	1/5	SIZE	A4
FILE NAME		223C-1105_B_1			



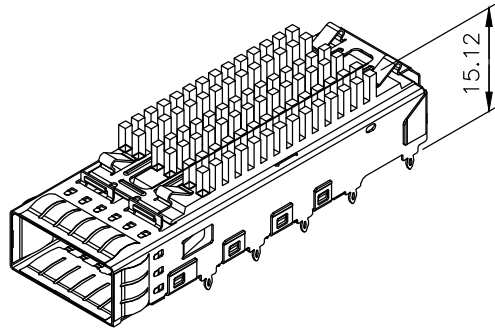
WWW.ATTEND.COM.TW

REV.	DESCRIPTION	DRAWN	DATE
	SEE SHEET ONE		

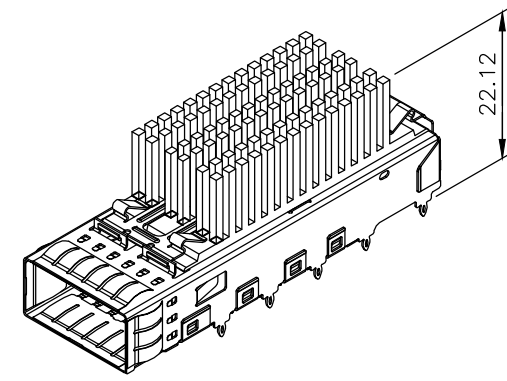
WITH HEATSINK
WITH SINGLE LIGHT PIPE





PCI HEATSINK



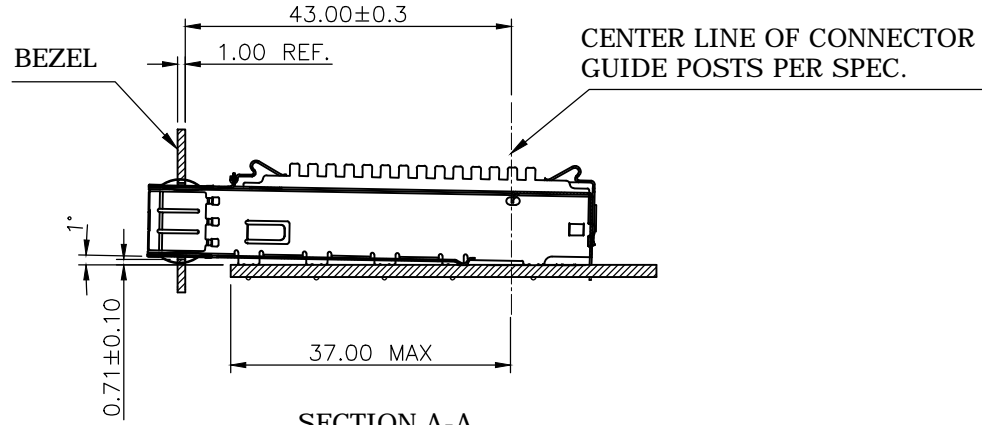
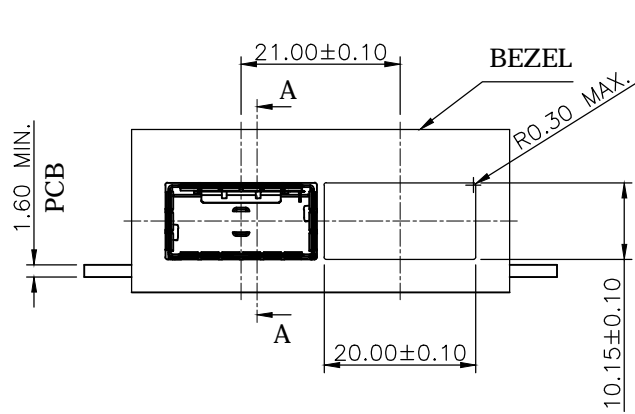
SAN HEATSINK



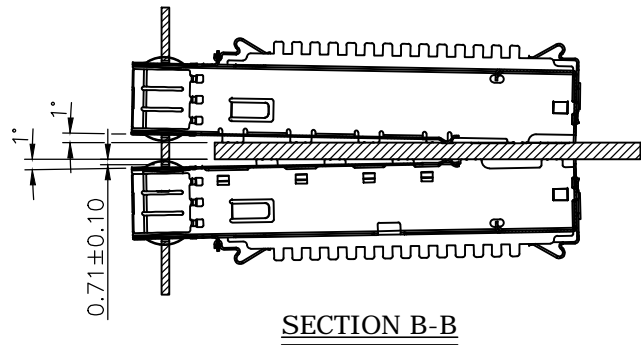
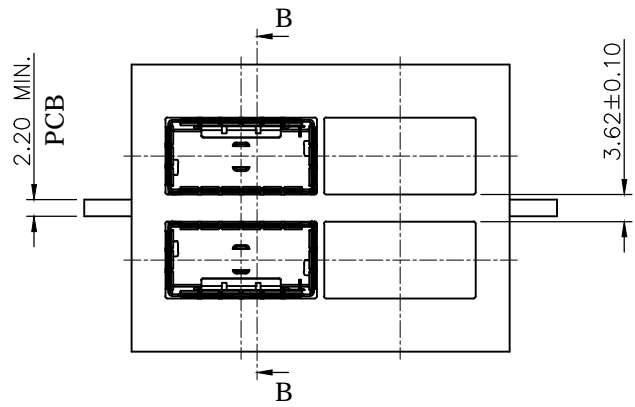
NET HEATSINK

UNLESS OTHERWISE SPECIFIED TOLERANCE				 WWW.ATTEND.COM.TW
UNIT:	DECIMAL	LINEAR	ANGLES	
mm	X.	±0.50	±5°	
	X.X	±0.25	±3°	
	X.XX	±0.12	±1°	
DRAWN	Tim	2016/09/12	DRAWN NAME:	
CHECKED	Fros	2016/09/12	QSFP Connector, 1x1 Port Press fit type cage with heatsink	
APPROVED	Ken	2016/09/12	PRODUCT NO. 223C-1105	
	SCALE 1/1	SHEET 2/5	SIZE A4	FILE NAME 223C-1105_B_1



REV.	DESCRIPTION	DRAWN	DATE
	SEE SHEET ONE		



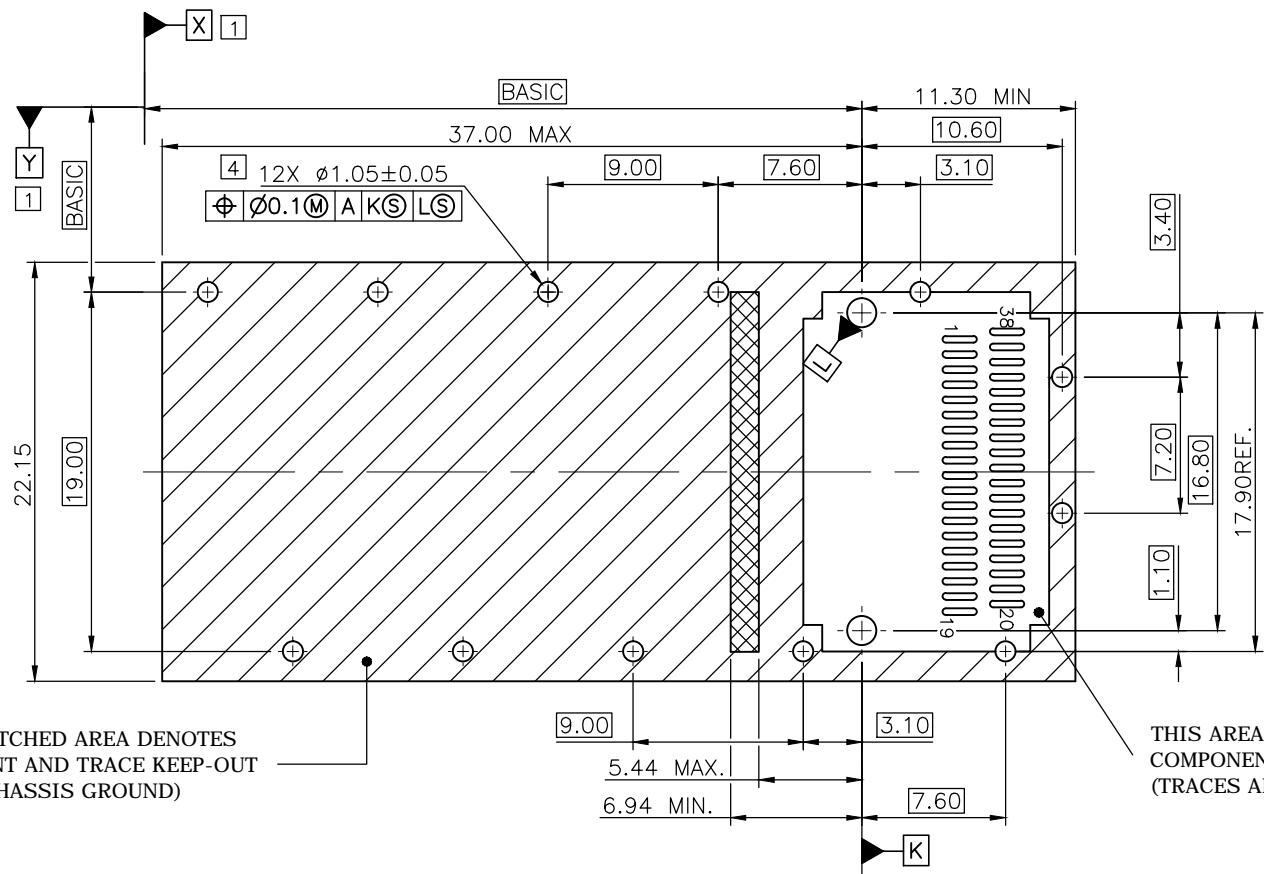
BEZEL AND BOARD POSITION DIMENSION
FOR SINGLE SIDE MOUNTING (SPRING FINGER 1°)



BEZEL AND BOARD POSITION DIMENSION
FOR BELLY TO BELLY MOUNTING (SPRING FINGER 1°)

UNLESS OTHERWISE SPECIFIED TOLERANCE				 WWW.ATTEND.COM.TW
UNIT:	DECIMAL	LINEAR	ANGLES	
mm	X.	±0.50	±5°	
	X.X	±0.25	±3°	
	X.XX	±0.12	±1°	
DRAWN	Tim	2016/09/12	DRAWN NAME: QSFP Connector, 1x1 Port Press fit type cage with heatsink	
CHECKED	Fros	2016/09/12		
APPROVED	Ken	2016/09/12	PRODUCT NO. 223C-1105	
 SCALE 1/1		SHEET 3/5	SIZE A4	FILE NAME 223C-1105_B_1

REV.	DESCRIPTION	DRAWN	DATE
	SEE SHEET ONE		




CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

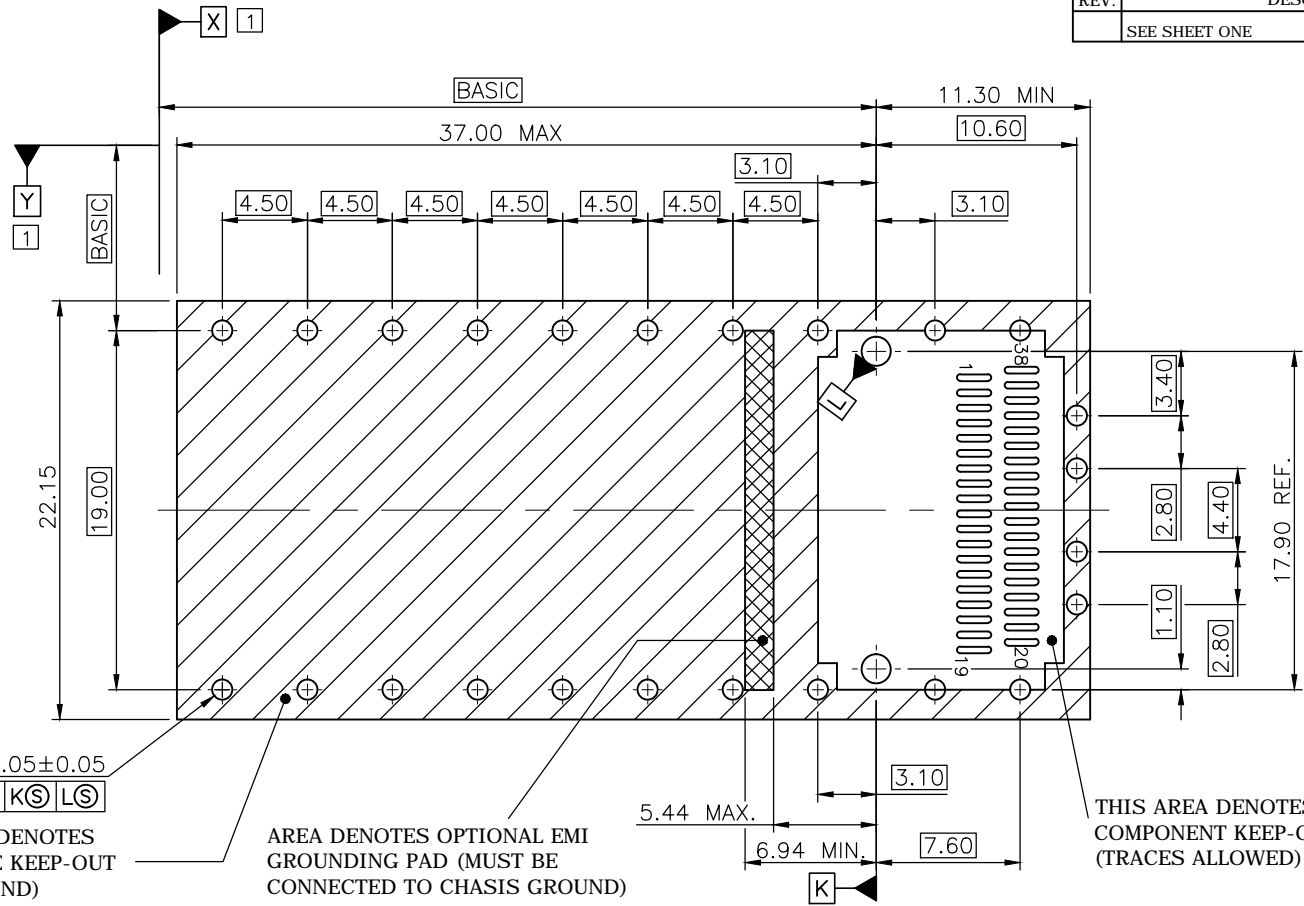
RECOMMENDED SINGLE SIDE LAYOUT (TOP VIEW)
GENERAL TOLERANCE: ±0.05

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. FINISHED HOLE SIZE

UNLESS OTHERWISE SPECIFIED TOLERANCE				 WWW.ATTEND.COM.TW
UNIT:	DECIMAL	LINEAR	ANGLES	
mm	X.	±0.50	±5°	
	X.X	±0.25	±3°	
	X.XX	±0.12	±1°	
DRAWN	Tim	2016/09/12	DRAWN NAME:	
CHECKED	Fros	2016/09/12	QSFP Connector, 1x1 Port Press fit type cage with heatsink	
APPROVED	Ken	2016/09/12	PRODUCT NO. 223C-1105	
SCALE	2.5	SHEET 4/5	SIZE A4	FILE NAME 223C-1105_B_1

REV.	DESCRIPTION	DRAWN	DATE
	SEE SHEET ONE		



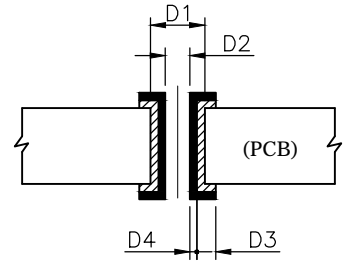
4 $\varnothing 1.05 \pm 0.05$
 $\varnothing 0.1 \text{ (M)}$ A K S L S
 CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

AREA DENOTES OPTIONAL EMI GROUNDING PAD (MUST BE CONNECTED TO CHASSIS GROUND)

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)



RECOMMENDED BELLY TO BELLY PCB BOARD LAYOUT

GENERAL TOLERANCE: ± 0.05



FINISHED HOLE SIZE SPECS

DIMENSIONS NOTE:
 D1: 1.15 ± 0.02
 D2: 1.05 ± 0.05
 D3: $0.025 - 0.05 \text{ mm}$
 D4: $0.004 - 0.01 \text{ mm}$ Hot Air Solder Leveling (HASL) Tin-Lead
 $0.0005 \text{ mm min. Immersion Tin}$
 $0.0002 - 0.0005 \text{ mm Organic Solderability Preservative (OSP)}$
 $0.004 - 0.0076 \text{ mm Nickel, } 0.0001 - 0.0005 \text{ Immersion Gold}$

UNLESS OTHERWISE SPECIFIED TOLERANCE				 WWW.ATTEND.COM.TW
UNIT:	DECIMAL	LINEAR	ANGLES	
mm	X.	± 0.50	$\pm 5^\circ$	
	X.X	± 0.25	$\pm 3^\circ$	
	X.XX	± 0.12	$\pm 1^\circ$	
DRAWN	Tim	2016/09/12	DRAWN NAME:	
CHECKED	Fros	2016/09/12	QSFP Connector, 1x1 Port Press fit type cage with heatsink	
APPROVED	Ken	2016/09/12	PRODUCT NO. 223C-1105	
	SCALE 2.5	SHEET 5/5	SIZE A4	FILE NAME 223C-1105_B_1

REV.	DESCRIPTION	DRAWN	DATE
1	INITIAL RELEASE	FROS	2015/09/02
2	CHANGE P/N, SFP002-F38 -> 223C-00E0	FROS	2016/10/30

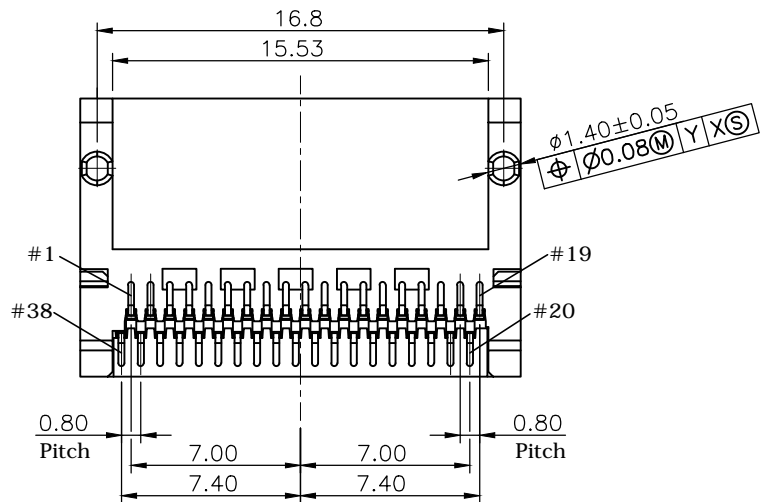
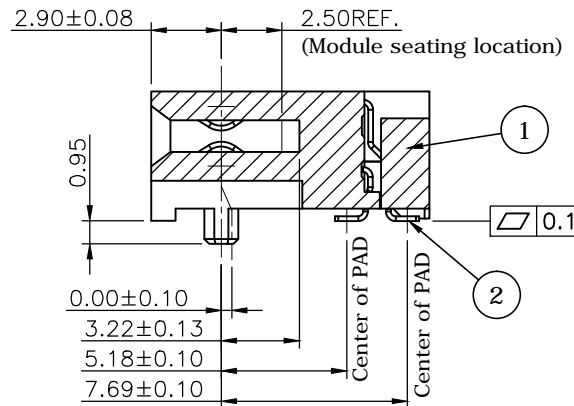
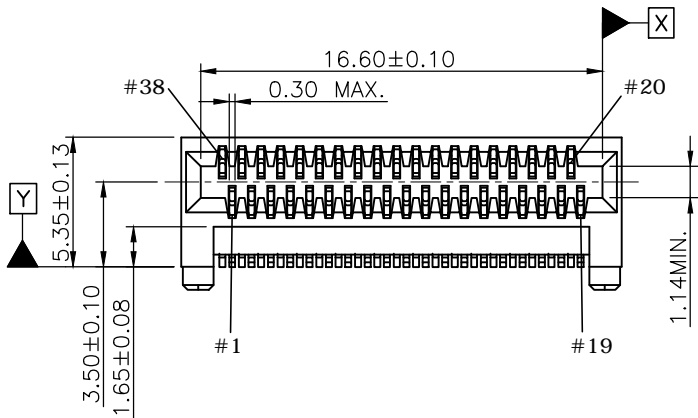
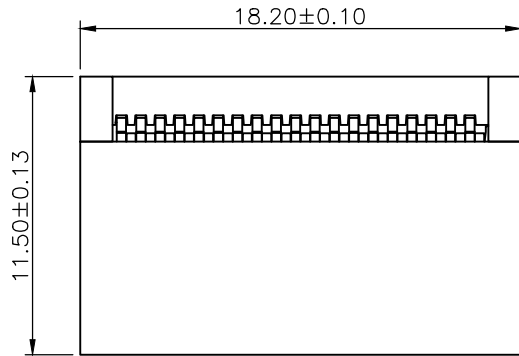
SPECIFICATION:

1. ELECTRICAL

- 1.1 Current Rating: 0.5A max.
- 1.2 Voltage Rating: 30V AC/DC max.
- 1.3 Contact Resistance: 80mΩ max.
- 1.4 Dielectric Withstanding Voltage: 300VAC

2. ENVIRONMENTAL

- 2.1 Operating temperature range: -20°C~+85°C



2	CONTACT	COPPER ALLOY, CONTACT AREA: 15u" GOLD SOLDER AREA: 100u" TIN UNDER PLATED: 50u" NICKEL
1	HOUSING	THERMOPLASTIC UL94V-0, BLACK
NO.	PART NAME	DESCRIPTION

UNLESS OTHERWISE SPECIFIED TOLERANCE

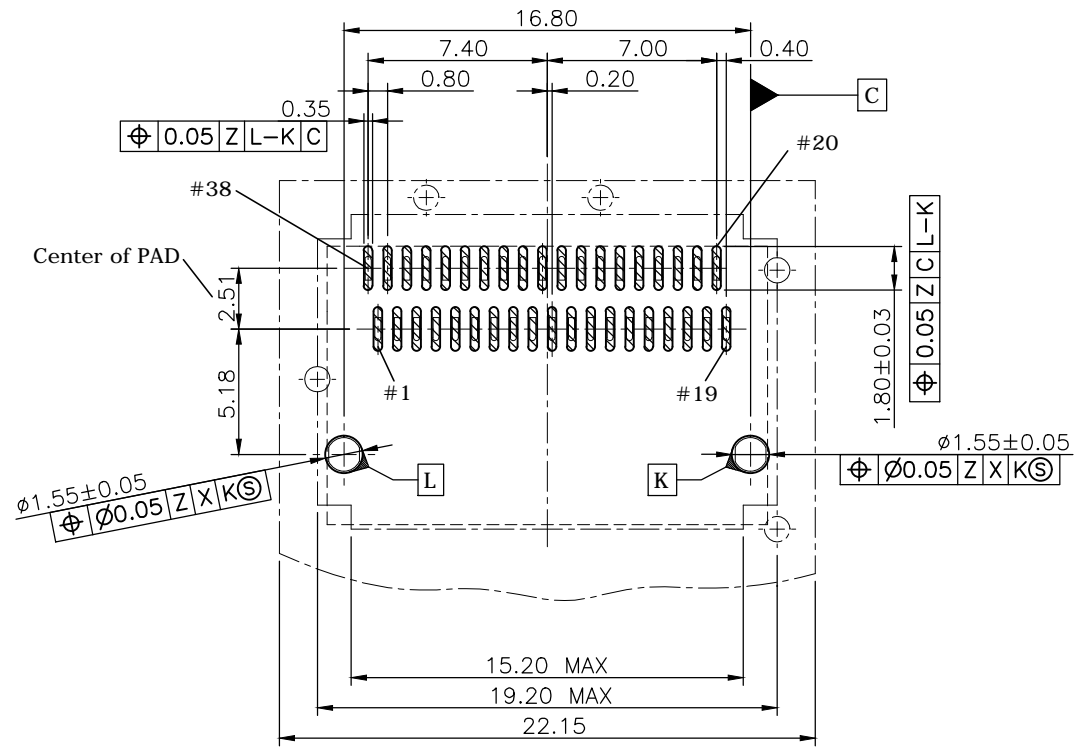
UNIT:	DECIMAL	LINEAR	ANGLES
mm	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°



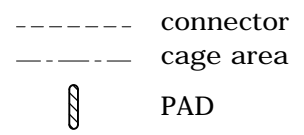
WWW.ATTEND.COM.TW

DRAWN	Fros	2015/09/02	DRAWN NAME:	QSFP Connector, Female, 38 Pin 15u" Gold, Solder Tin Plating			
CHECKED	Zola	2015/09/02					
APPROVED	Ken	2015/09/02	PRODUCT NO.	223C-00E0			
SCALE	3.2/1	SHEET	1/2	SIZE	A4	FILE NAME	223C-00E0_B_1

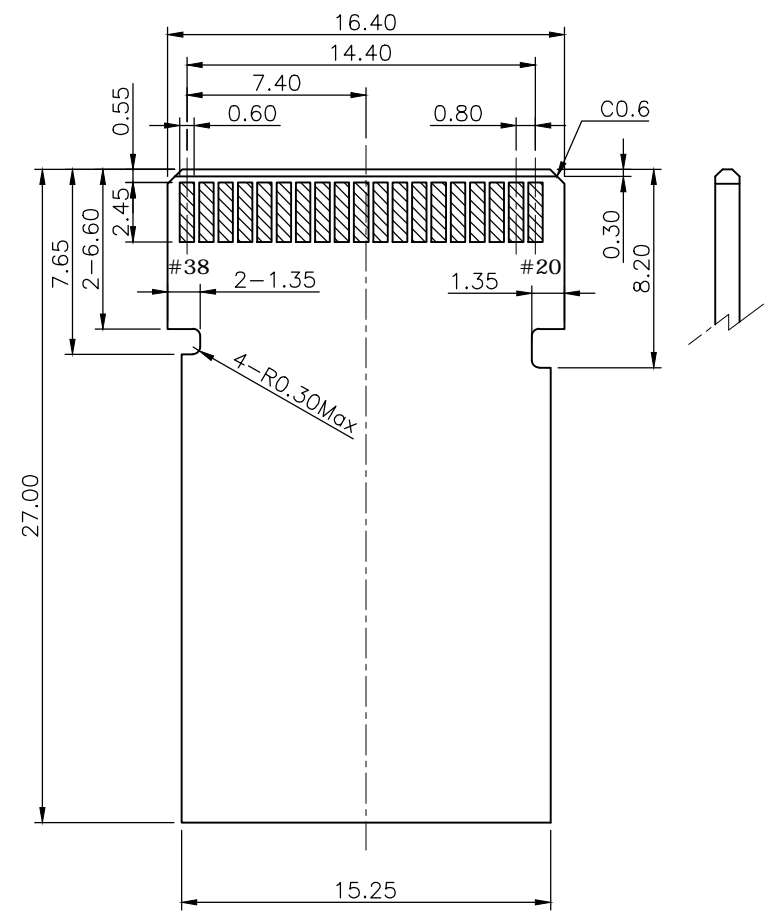
REV.	DESCRIPTION	DRAWN	DATE
	SEE SHEET ONE		



Datum Z is the top surface of the host board



RECOMMENDED LAYOUT (TOP VIEW)
GENERAL TOLERANCE: ±0.05mm



PCB DIMENSIONS
GENERAL TOLERANCE: ±0.05mm

UNLESS OTHERWISE SPECIFIED TOLERANCE				
UNIT:	DECIMAL	LINEAR	ANGLES	
mm	X.	±0.50	±5°	
	X.X	±0.25	±3°	
	X.XX	±0.12	±1°	
DRAWN	Fros	2015/09/02	DRAWN NAME: QSFPC Connector, Female, 38 Pin 15u" Gold, Solder Tin Plating	
CHECKED	Zola	2015/09/02		
APPROVED	Ken	2015/09/02		
SCALE	3.2/1	SHEET	2/2	PRODUCT NO. 223C-00E0
		SIZE	A4	FILE NAME 223C-00E0_B_1



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2/2