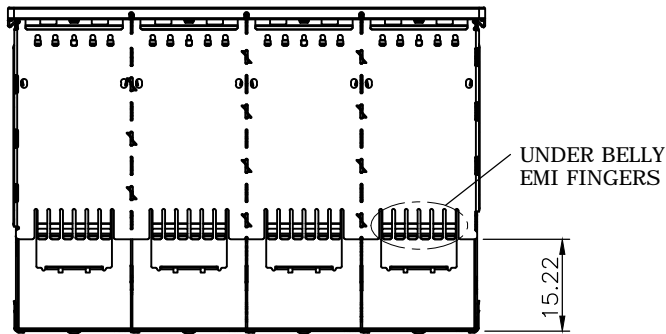
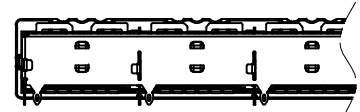
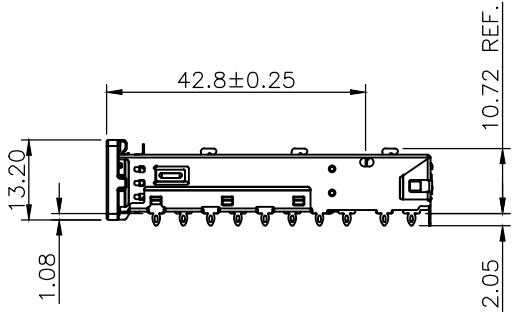
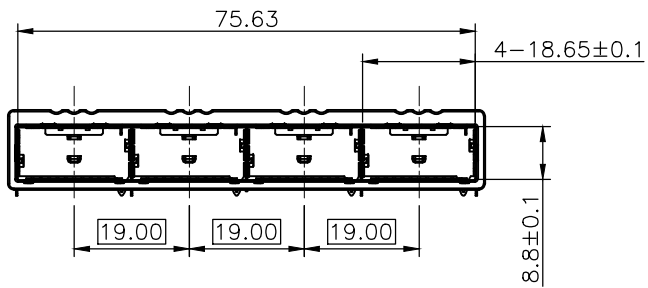
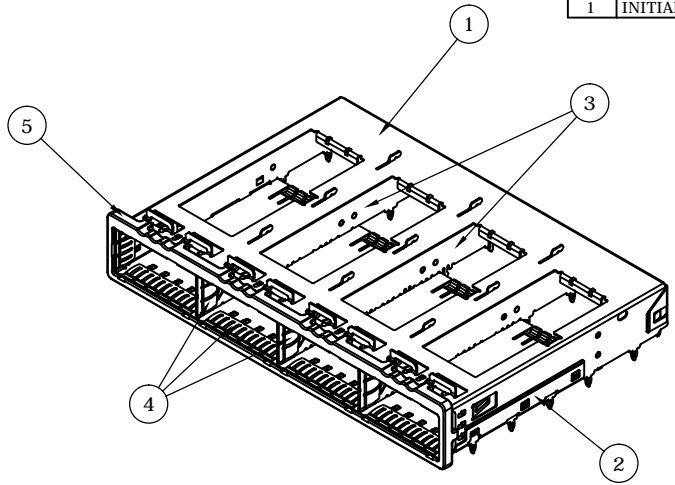
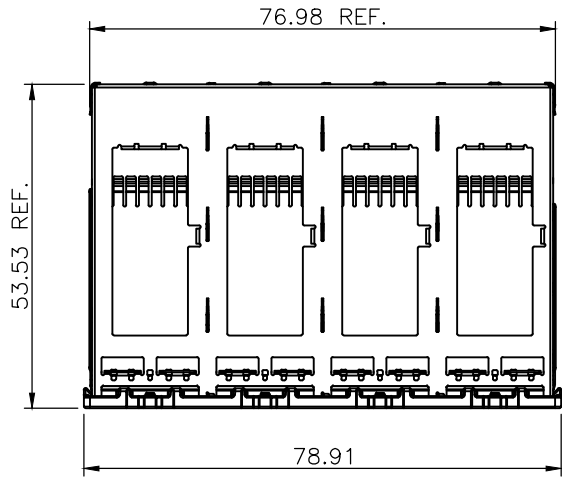


REV.	DESCRIPTION	DRAWN	DATE
1	INITIAL RELEASE	FROS	2016/09/12

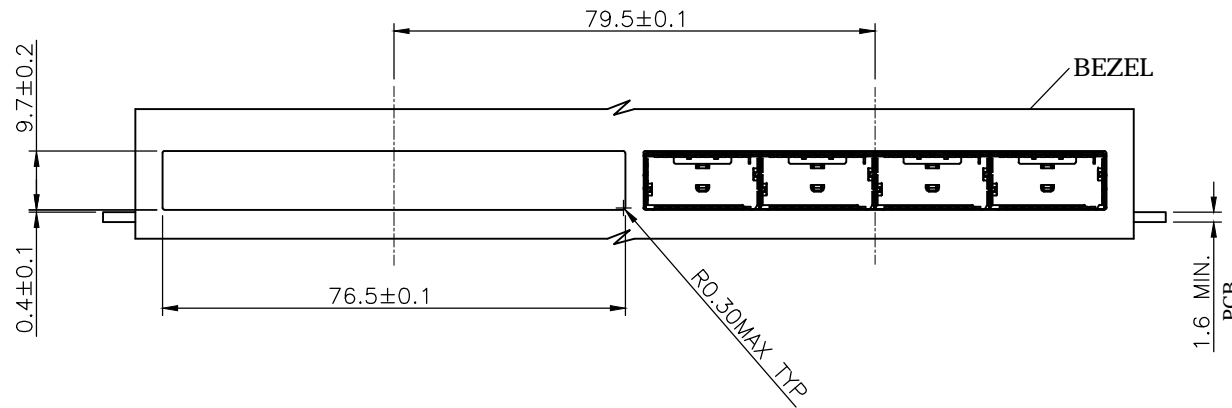


5	FRONT FLANGE	Zinc Alloy, Nickel over Copper plating	
4	EMI SPRING	Stainless Steel	
3	PARTITION	Stainless Steel, 0.25t	
2	CAGE DOWN	Stainless Steel, 0.25t	
1	CAGE UP	Stainless Steel, 0.25t	
NO. PART NAME		DESCRIPTION	
UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT:	DECIMAL	LINEAR	ANGLES
	mm	X. ±0.50	X° ±5°
		X.X ±0.25	X° ±3°
		X.XX ±0.12	X° ±1°
DRAWN Fros 2016/09/12			DRAWN NAME: QSFP Connector 1x4 Port Press Fit Type Cage
CHECKED Tim 2016/09/12			
APPROVED Ken 2016/09/12			PRODUCT NO. 223C-1401
SCALE 0.8 SHEET 1/4 SIZE A4			FILE NAME 223C-1401_B_1

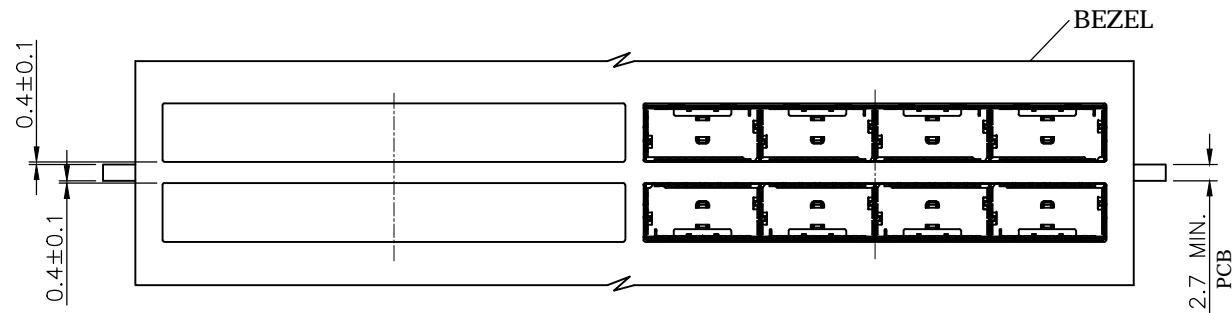


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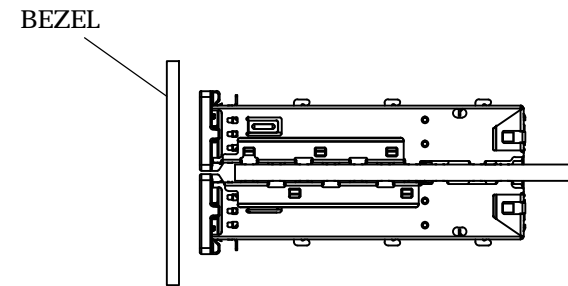
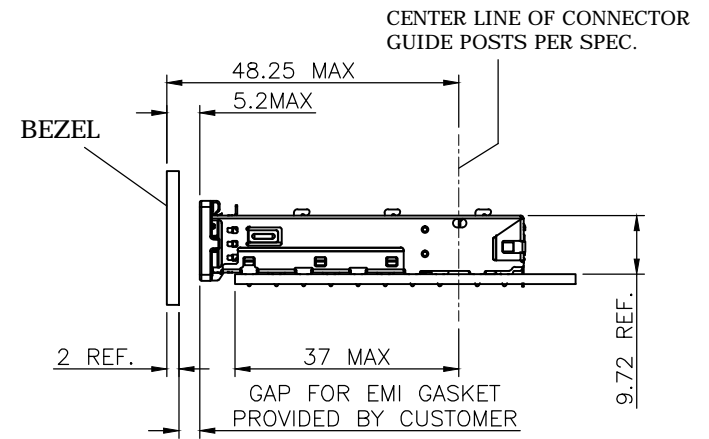
REV.	DESCRIPTION	DRAWN	DATE
	SEE SHEET ONE		



BEZEL AND BOARD POSITION DIMENSION
FOR SINGLE SIDE MOUNTING (BEHIND BEZEL)



BEZEL AND BOARD POSITION DIMENSION
FOR BELLY TO BELLY MOUNTING (BEHIND BEZEL)



UNLESS OTHERWISE SPECIFIED TOLERANCE

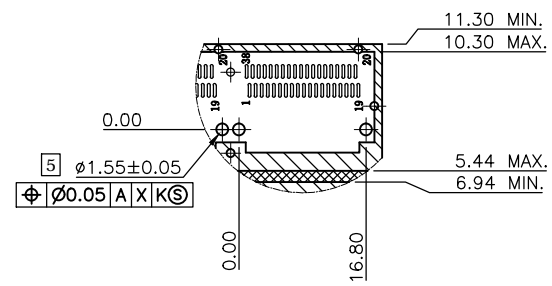
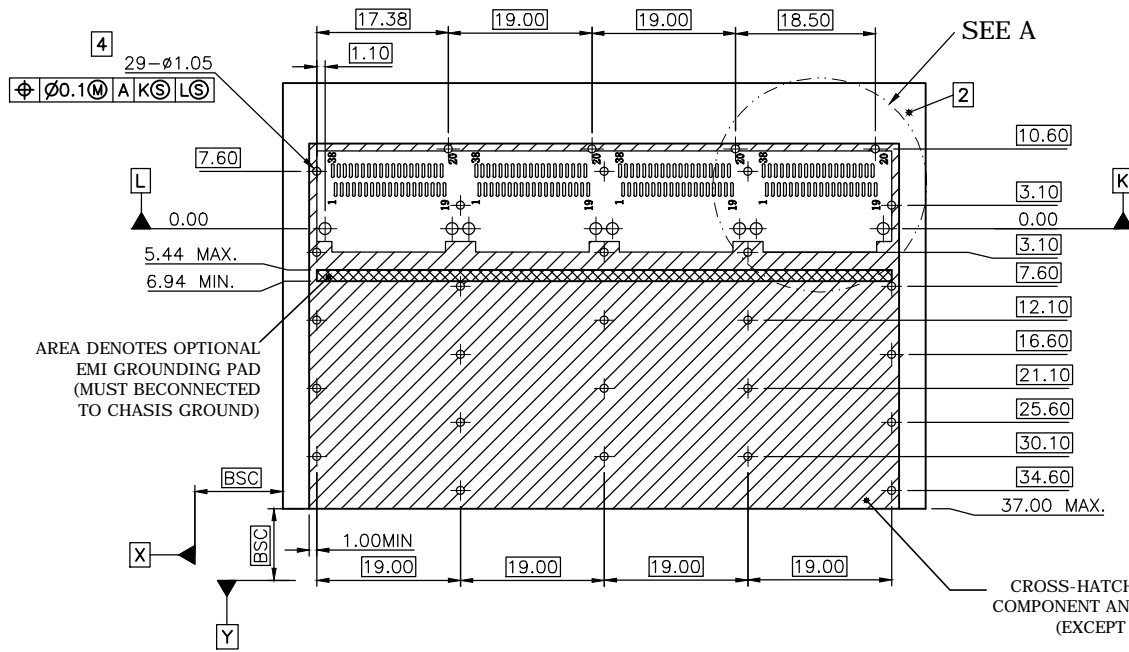
UNIT:	DECIMAL	LINEAR	ANGLES
mm	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°



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DRAWN	Fros	2016/09/12	DRAWN NAME:
CHECKED	Tim	2016/09/12	QSFP Connector 1x4 Port Press Fit Type Cage
APPROVED	Ken	2016/09/12	PRODUCT NO. 223C-1401
SCALE	0.8	SHEET 2/4	SIZE A4
FILE NAME	223C-1401_B_1		

REV.	DESCRIPTION	DRAWN	DATE
	SEE SHEET ONE		





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

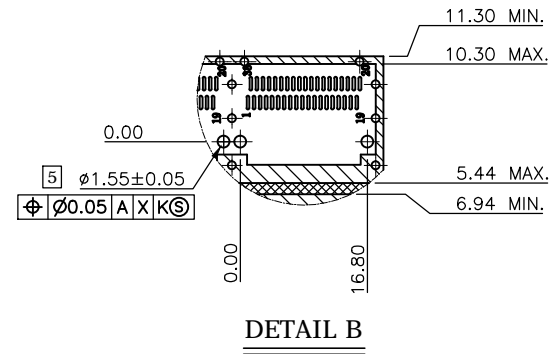
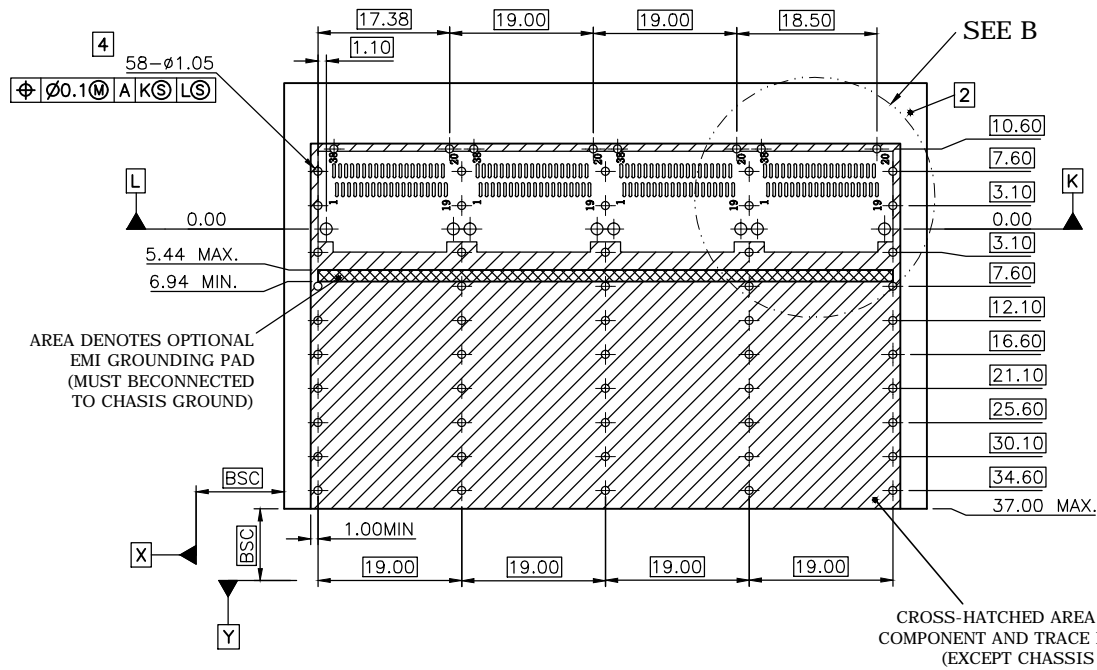
CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

RECOMMENDED SINGLE SIDE PC BOARD LAYOUT

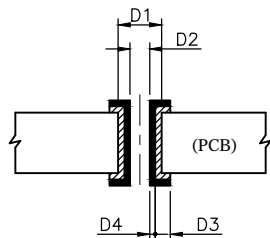
- NOTES:
- DATUM X & Y ARE ESTABLISHED BY THE CUSTOMER'S FIDUCIAL
 - DATUM A IS THE TOP SURFACE OF THE HOST BOARD
 - LOCATION OF THE EDGE OF PCB IS APPLICATION SPECIFIC
 - FINISHED HOLE SIZE
 - UNPLATED THRU HOLE.

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	Fros	2016/09/12	DRAWN NAME:	
CHECKED	Tim	2016/09/12	QSFP Connector 1x4 Port Press Fit Type Cage	
APPROVED	Ken	2016/09/12	PRODUCT NO. 223C-1401	
	SCALE 1.0	SHEET 3/4	SIZE A4	FILE NAME 223C-1401_B_1

REV.	DESCRIPTION	DRAWN	DATE
	SEE SHEET ONE		




RECOMMENDED BELLY TO BELLY PC BOARD LAYOUT



FINISHED HOLE SIZE SPECS

DIMENSIONS NOTE:

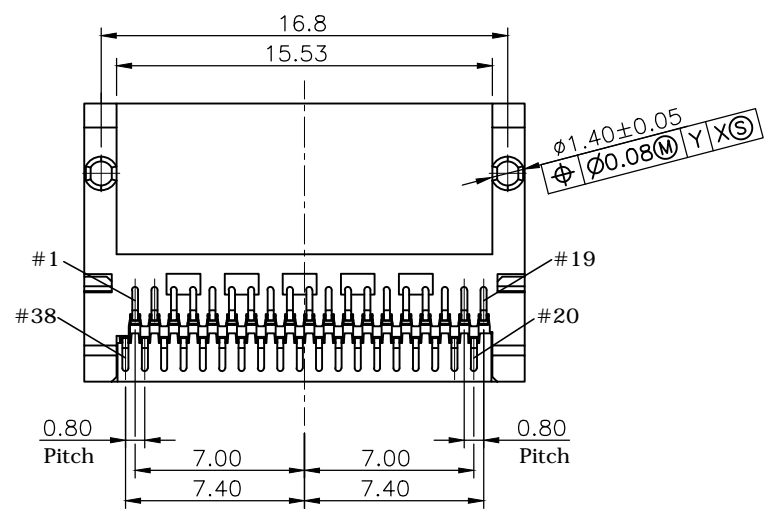
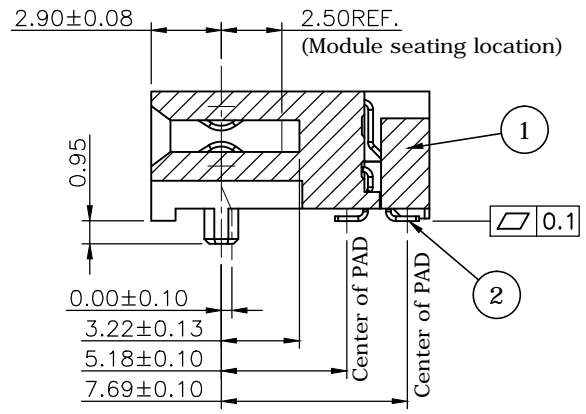
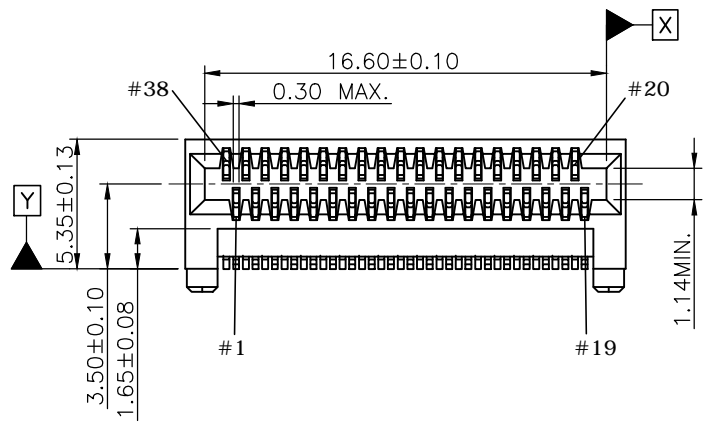
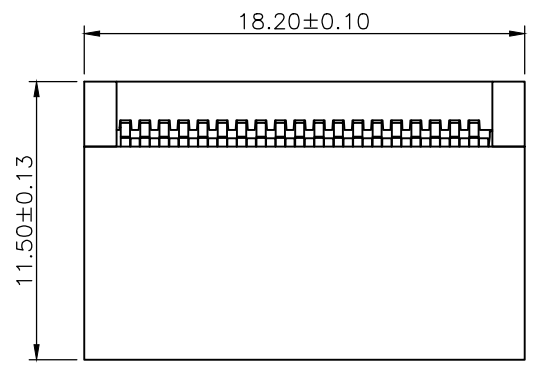
- D1: 1.15±0.02
- D2: 1.05±0.05
- D3: 0.025~0.05mm
- D4: 0.004~0.01mm Hot Air Solder Leveling (HASL) Tin-Lead
0.0005mm min. Immersion Tin
0.0002~0.0005mm Organic Solderability Preservative (OSP)
0.004~0.0076mm Nickel, 0.0001~0.0005 Immersion Gold

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	Fros	2016/09/12	DRAWN NAME:	
CHECKED	Tim	2016/09/12	QSFP Connector 1x4 Port Press Fit Type Cage	
APPROVED	Ken	2016/09/12	PRODUCT NO. 223C-1401	
SCALE	1.0	SHEET 4/4	SIZE A4	FILE NAME 223C-1401_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:

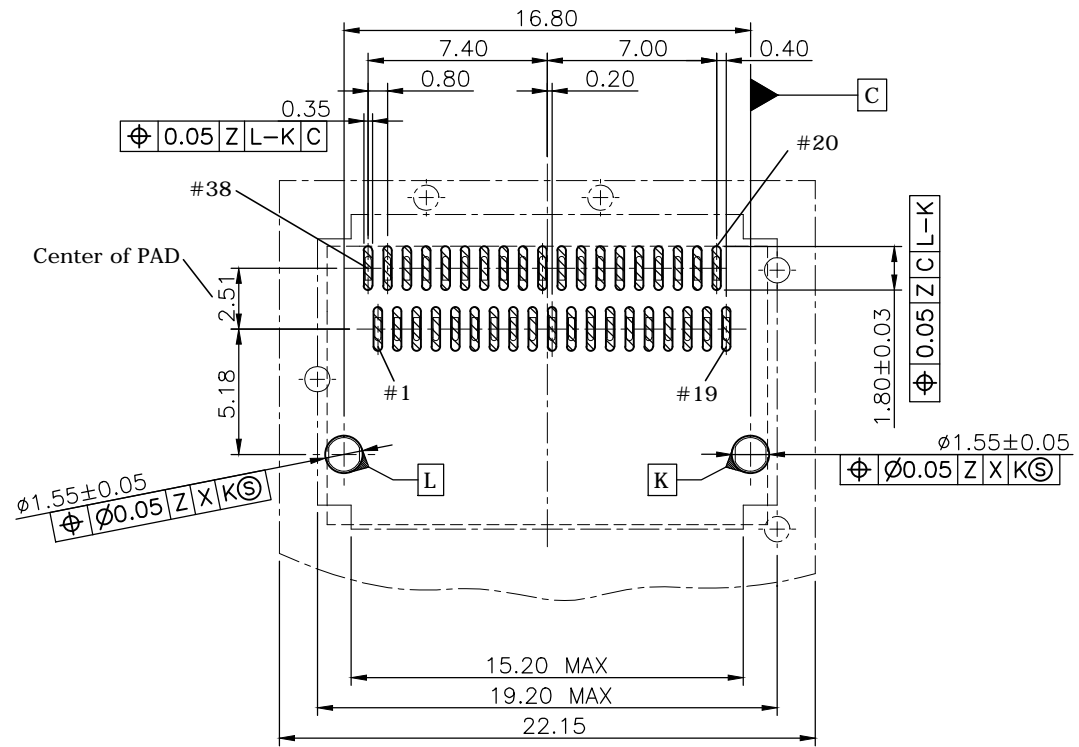
1. ELECTRICAL
 - 1.1 Current Rating: 0.5A max.
 - 1.2 Voltage Rating: 30V AC/DC max.
 - 1.3 Contact Resistance: 80mΩ max.
 - 1.4 Dielectric Withstanding Voltage: 300VAC
2. ENVIRONMENTAL
 - 2.1 Operating temperature range: -20°C~+85°C



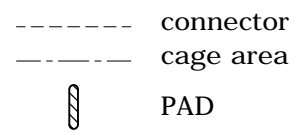
2	CONTACT	COPPER ALLOY, CONTACT AREA: 15u" GOLD	
		SOLDER AREA: 100u" TIN	
		UNDER PLATED: 50u" NICKEL	
1	HOUSING	THERMOPLASTIC UL94V-0, BLACK	
NO.	PART NAME	DESCRIPTION	
UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT:	DECIMAL	LINEAR	ANGLES
	mm	X. ±0.50	±5°
		X.X ±0.25	±3°
	X.XX ±0.12	±1°	
WWW.ATTEND.COM.TW			
DRAWN	Fros	2015/09/02	DRAWN NAME:
CHECKED	Zola	2015/09/02	QSFP Connector, Female, 38 Pin 15u" Gold, Solder Tin Plating
APPROVED	Ken	2015/09/02	PRODUCT NO. 223C-00E0
SCALE	3.2/1	SHEET 1/2	SIZE A4
FILE NAME		223C-00E0_B_1	



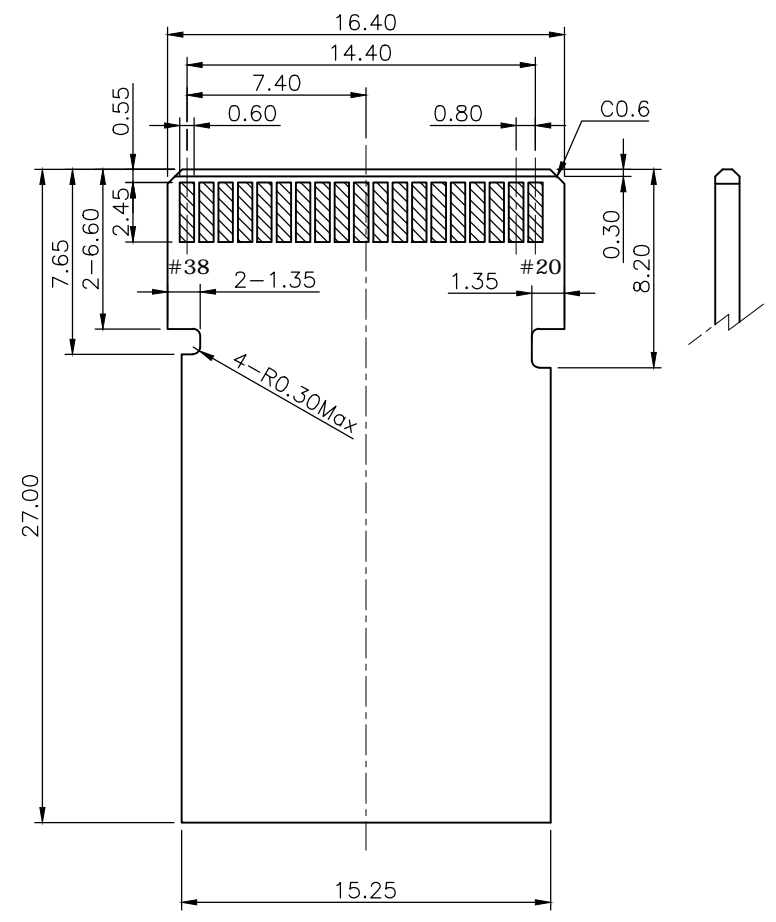
REV.	DESCRIPTION	DRAWN	DATE
	SEE SHEET ONE		



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	SIZE	A4	FILE NAME	223C-00E0_B_1



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2/2