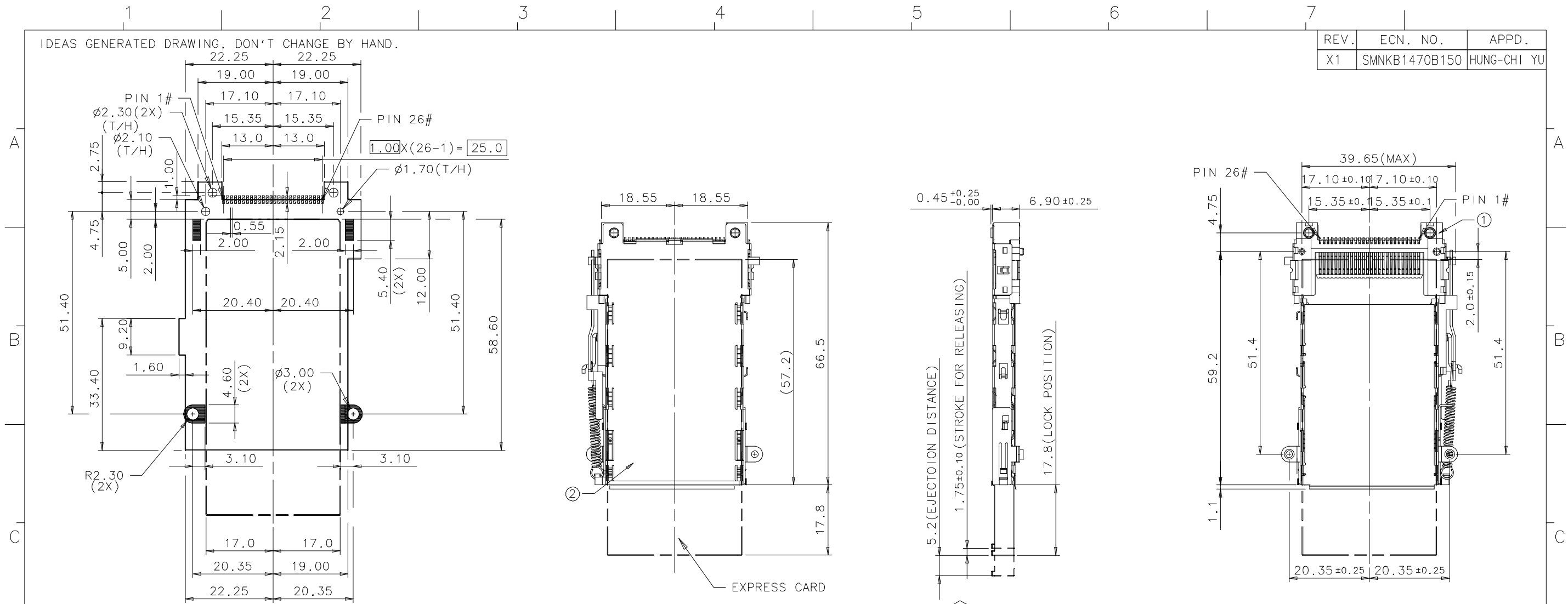


REV.	ECN. NO.	APPD.
X1	SMNKB1470B150	HUNG-CHI YU

IDEAS GENERATED DRAWING, DON'T CHANGE BY HAND.



RECOMMENDED PCB LAYOUT

- KEEP OUT AREA
- SOLDER PAD
- GROUNDING PAD
- EXPRESS CARD AREA
- NO TRACE AREA

THE DEFAULT TOLERANCE IS ±0.05mm.

ITEM	COMPONENT P/N	QTY	DESCRIPTION
①	1CH411SC-MS	1	HEADER ASSEMBLY
②	1CX421S1-MS	1	GUIDERAIL FRAME WITH EJECTOR

NOTES:

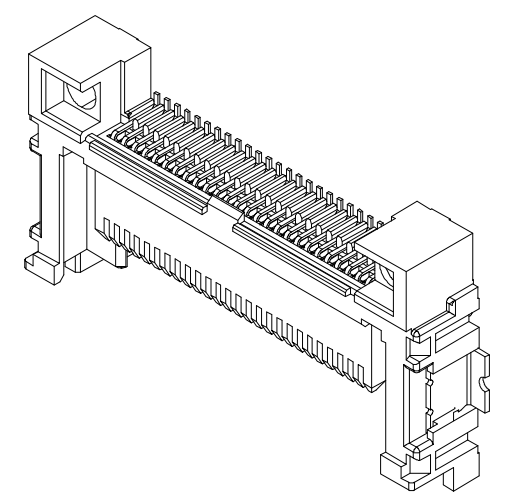
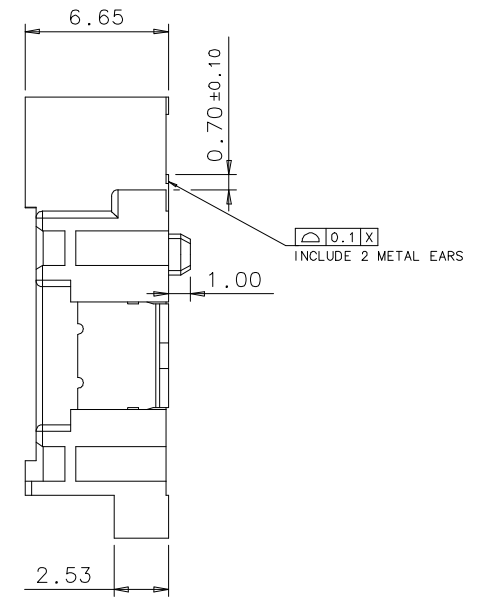
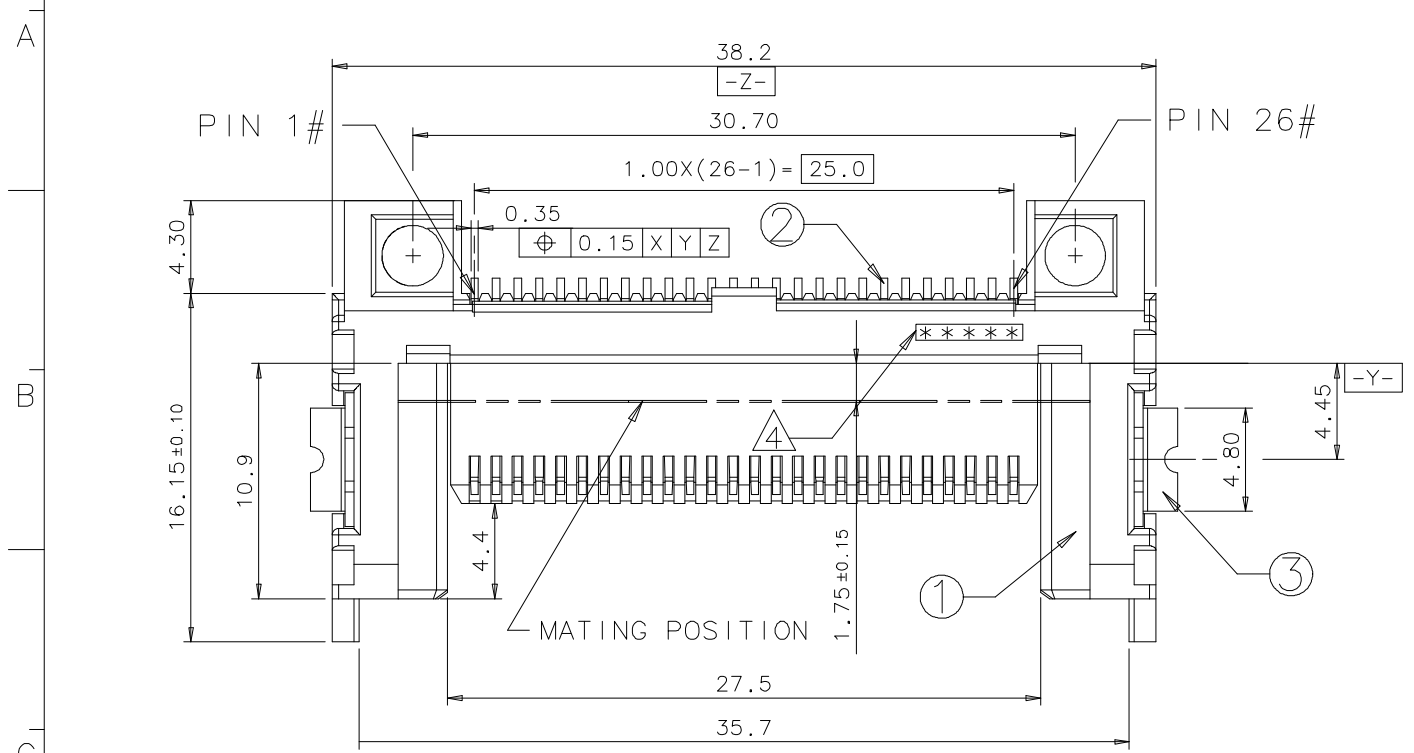
- THE CONNECTOR WILL ACCEPT A EXPRESSCARD OF TYPE 1 WHICH IS RELEASED BY " EXPRESS CARD STANDARD "
- THE SCREWS ARE APPLIED FOR 1.5 Kg-cm MAXIMUM TORQUE TO FIT.
- THE LENGTH OF SCREWS IS SUGGESTED FROM 2.0mm TO 2.5mm.
- PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAILS & AVAILABILITY.

X. ± 0.30	X. ° ±	UNITS mm	NAME (INTENDED USE) EXPRESS CARD HOST CONNECTOR (TYPE 1/NORMAL)	FOXCONN HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.
.X ± 0.25	.X ° ±	MAT'L	PART NO. (INTENDED USE) 1CH411SC-MS 1CX421S1-MS	
.XX ± 0.20	.XX ° ±	FINISH	APPD: HUNG-CHI YU	TITLE: CUSTOMER DRAWING
.XXX ±	.XXX ° ±		Q'TY	CHKD: Cheery Chen
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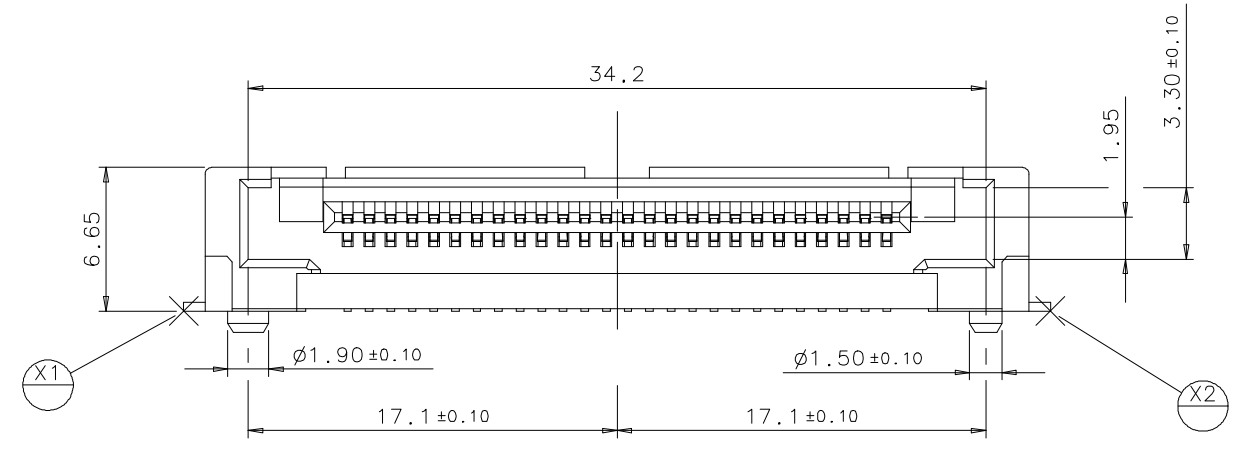
PROPOSAL

IDEAS GENERATED DRAWING, DON'T CHANGE BY HAND.

REV.	ECN. NO.	APPD.



- NOTES:
- ELECTRICAL SPECIFICATION:
 - 1-1 CONTACT CURRENT RATING : $\Delta T < 30^{\circ}\text{C}$ AT 0.75 AMPERE PER PIN.
 - 1-2 DIELECTRIC WITHSTANDING VOLTAGE : 500V AC MAXIMUM.
 - 1-3 INSULATION RESISTANCE : 100 Megohms MINIMUM AFTER TEST.
 - MECHANICAL SPECIFICATION:
 - 2-1 CONNECTOR MATING FORCE : 39 N MAXIMUM AT 12.5 mm/Min.
 - 2-2 CONNECTOR UNMATING FORCE : 3.7 N MINIMUM 18.5 N MAXIMUM AT 12.5 mm/Min.
 - 2-3 DURABILITY: 10,000 CYCLES.
 - ENVIRONMENT SPECIFICATION:
 - 3-1 OPERATING TEMPERATURE: -55°C TO $+85^{\circ}\text{C}$, 95% RH MAXIMUM.
 - DATE CODE IS PRINTED BY THE BLACK INK ON THE SIDE. HEIGHT=2.0mm.
 - THIS PART IS LEAD FREE PRODUCT.
 - PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAILS & AVAILABILITY.



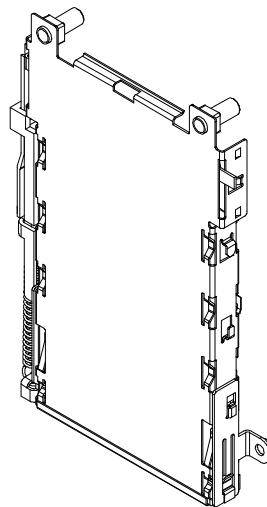
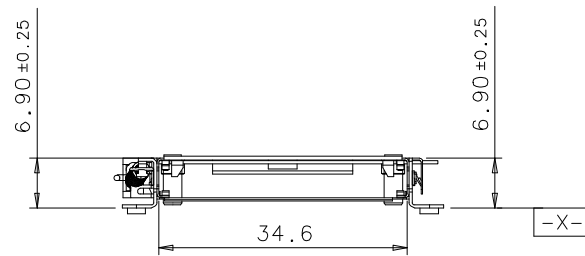
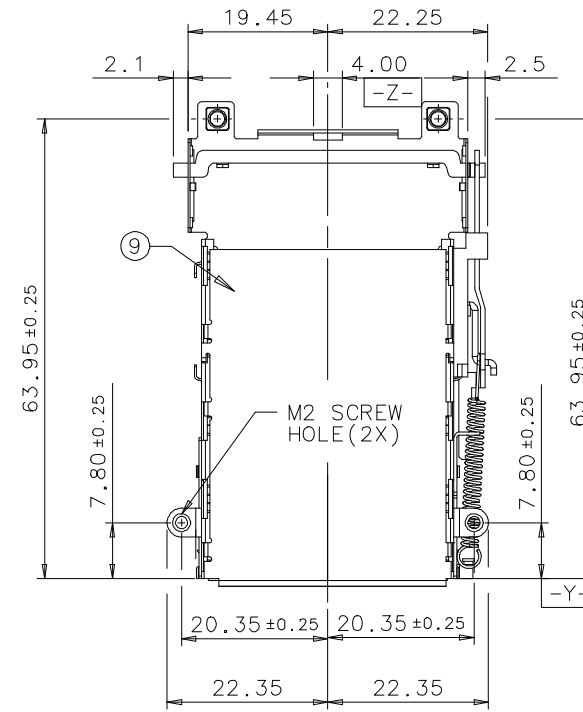
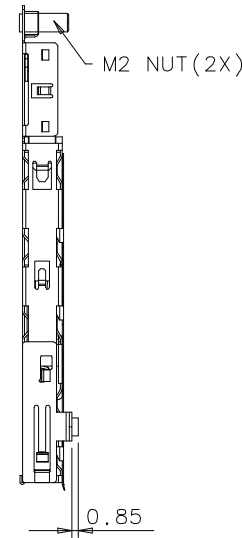
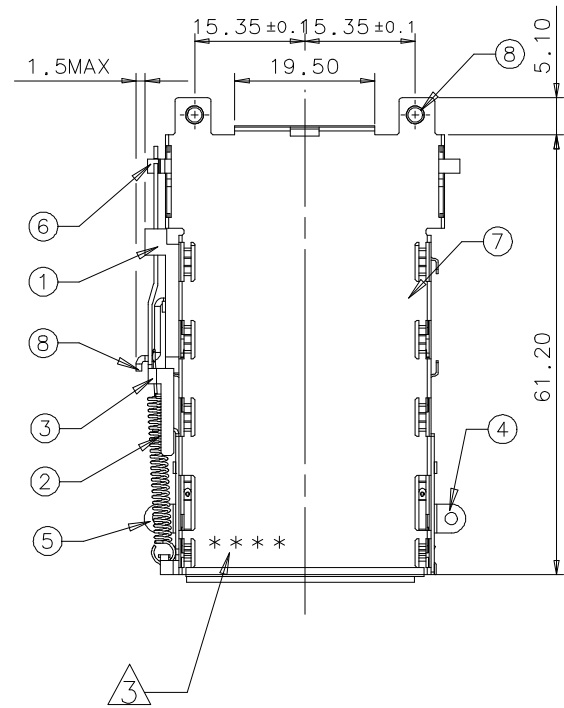
PART LIST
 1CH411SC-MS
 C: GOLD PLATING
 S: STANDOFF HEIGHT=1.2mm
 1: NORMAL TYPE
 H: HEADER

PROPOSAL

③	METAL EAR	2	COPPER ALLOY	CLEAN	
②	CONTACT PIN	26	COPPER ALLOY	GOLD PLATING AT CONTACT AREA. TIN PLATING AT TERMINATION NICKEL UNDERPLATING OVERALL.	
①	HOUSING	1	HI-TEMP THERMOPLASTIC UL 94V-0	MOLDED COLOR: WHITE	
ITEM	DESCRIPTION	QT'Y	METERIAL	FINISH	REMARK
X. ± 0.30	X. ° ±	UNITS	mm	NAME (INTENDED USE) EXPRESS CARD HOST CONNECTOR (TYPE 1/NORMAL)	
.X ± 0.25	.X ° ±	MAT'L		PART NO. (INTENDED USE) 1CH411SC-MS	
.XX ± 0.20	.XX ° ±	FINISH		TITLE: CUSTOMER DRAWING	
.XXX ±	.XXX ° ±	Q'TY		APPD: HUNG-CHI YU CHKD: Cheery Chen DR: SONIC ZHU 11/23'07	
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IDEAS GENERATED DRAWING, DON'T CHANGE BY HAND.

REV.	ECN. NO.	APPD.



PROPOSAL

PART LIST

1CX421S1-MS

- S: STAND OFF HEIGHT=1.2mm
- 2: TYPE 1 ONLY
- X: EJECTOR

NOTES:

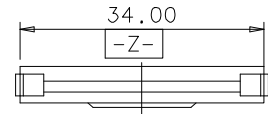
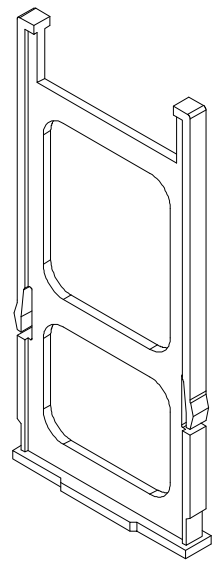
1. THE SCREWS ARE APPLIED FOR 1.5 Kg-cm MAXIMUM TORQUE TO FIT.
2. THE LENGTH OF SCREW IS SUGGESTED FROM 2.0 mm TO 2.5 mm.
3. DATE CODE IS PRINTED BY THE BLACK INK ON THE SIDE, HEIGHT=2.0mm.
4. PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAILS & AVAILABILITY.

ITEM	DESCRIPTION	QTY	MATERIAL	FINISH	REMARK
⑨	BOTTOM PLATE	1	STEEL	CLEAN	
⑧	NUT	2	COPPER ALLOY	CLEAN	
⑧	SLIDE PIN	1	STEEL	CLEAN	
⑦	SHELL	1	STEEL	CLEAN	
⑥	LEVEL	1	STEEL	CLEAN	
⑤	STAND OFF(RIGHT)	1	STEEL	CLEAN	
④	STAND OFF(LEFT)	1	STEEL	CLEAN	
③	METAL BAR	1	STEEL	CLEAN	
②	SPRING	1	SWP-B	CLEAN	
①	CAMPLATE	1	HI TEMP. THERMOPLASTIC UL 94V-0	MOLDED COLOR: BROWN	

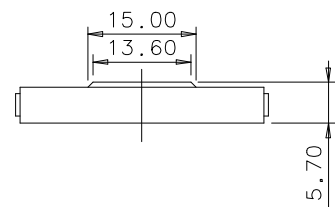
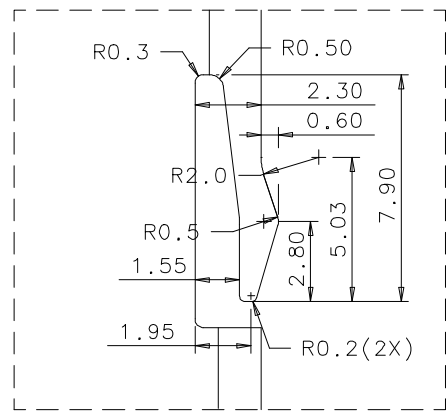
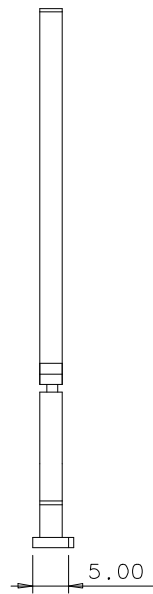
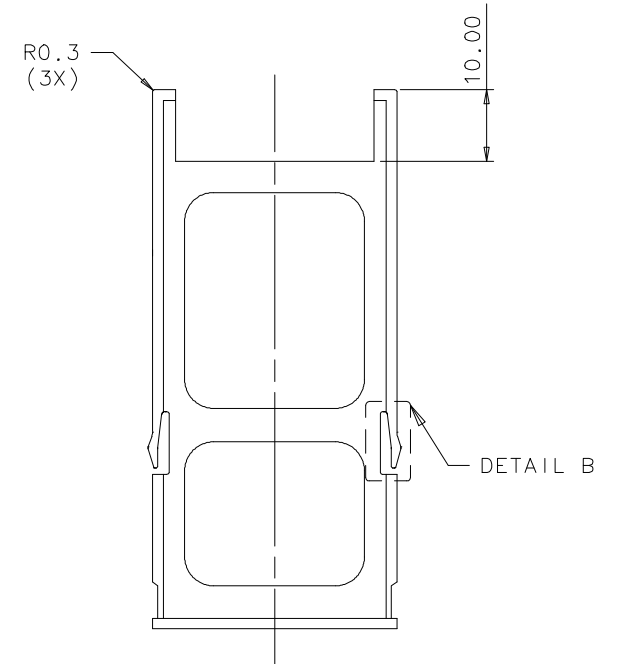
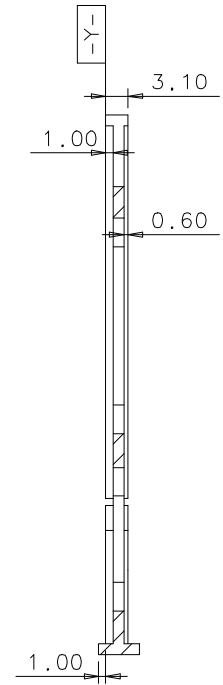
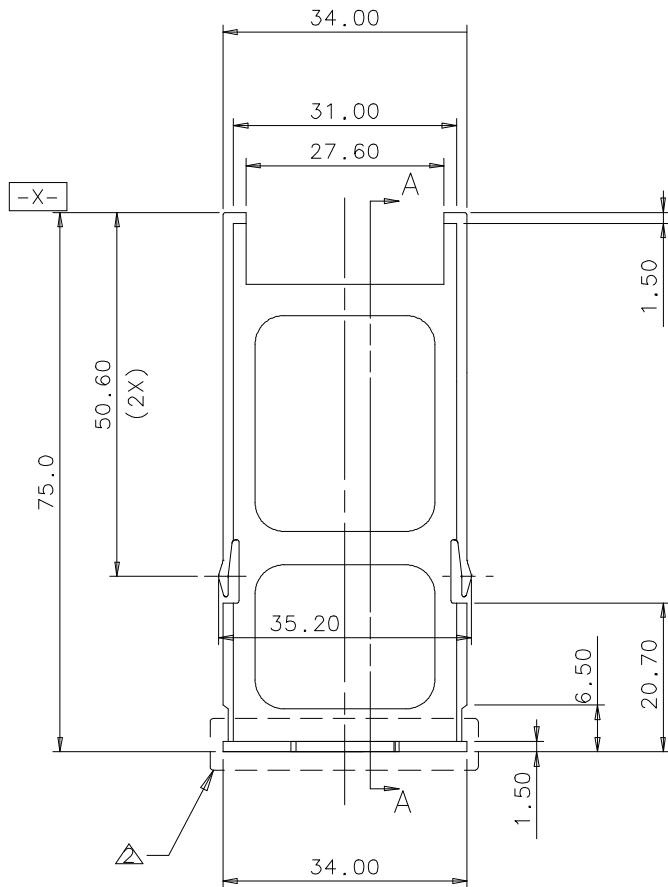
X. ± 0.30	X. ° ±	UNITS mm	NAME (INTENDED USE) EXPRESS CARD HOST CONNECTOR (TYPE 1/NORMAL)	FOXCONN HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.
.X ± 0.25	.X ° ±			
.XX ± 0.20	.XX ° ±	FINISH	PART NO. (INTENDED USE) 1CX421S1-MS	TITLE: CUSTOMER DRAWING
.XXX ±	.XXX ° ±			
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			CHKD: Cheery Chen	
DR: SONIC ZHU 11/23'07				

IDEAS CREATED DRAWING, DON'T CHANGE BY HAND.

REV.	ECN. NO.	APPD.



NOTES:
 1. MATERIAL: PBT, COLOR: BLACK.
 2. THE ID CAN BE CHANGED TO FOLLOW THE CUSTOMER'S REQUEST.
 3. PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAILS & AVAILABILITY.



PROPOSAL

X. ± 0.20	X. ° ±	UNITS mm	NAME (INTENDED USE) EXPRESS CARD DUMMY CARD	FOXCONN HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.
.XX ± 0.10	.X ° ±	MAT'L		
.XX ± 0.05	.XX ° ±	△	PART NO. (INTENDED USE) 1CX421S1-MS	TITLE: CUSTOMER DRAWING
.XXX ±	.XXX ° ±		FINISH	APPD: HUNG-CHI YU
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			DR: SONIC ZHU 11/23'07	SCALE SHEET REV. N/A 4/4 X1