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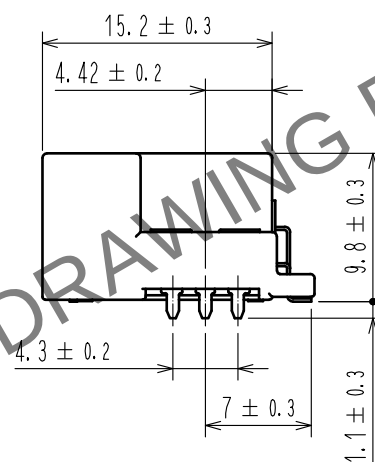
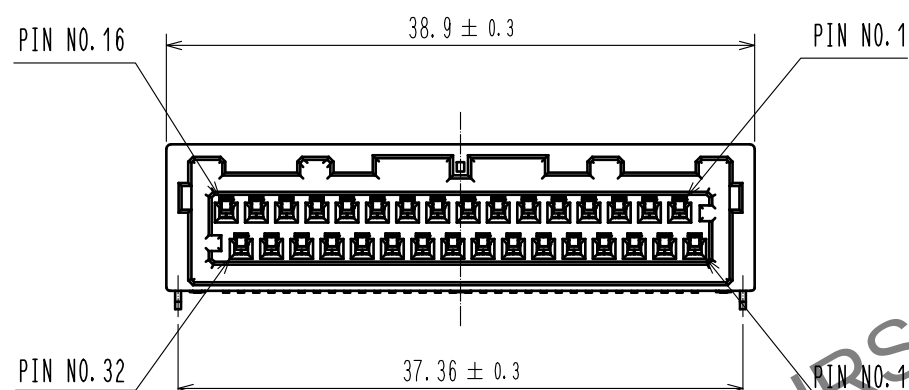
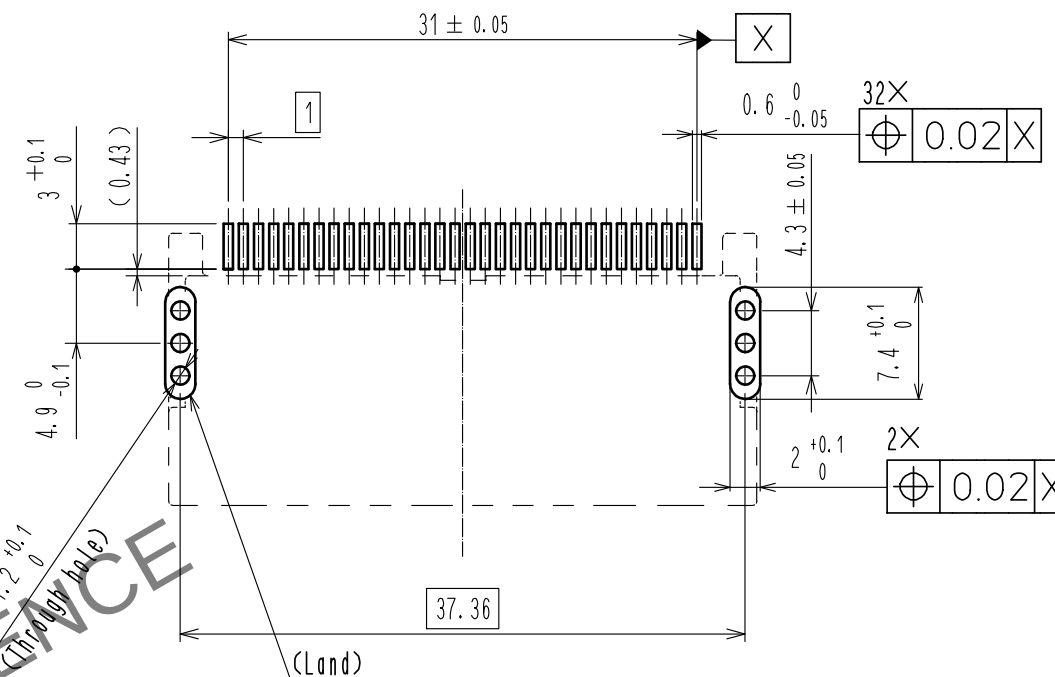
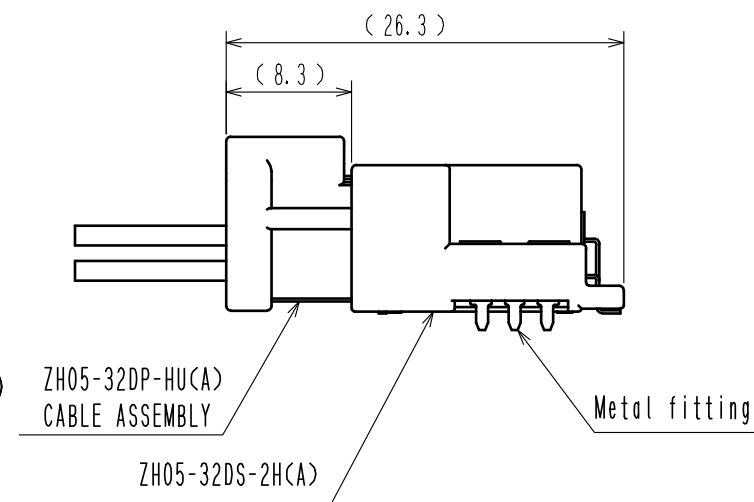
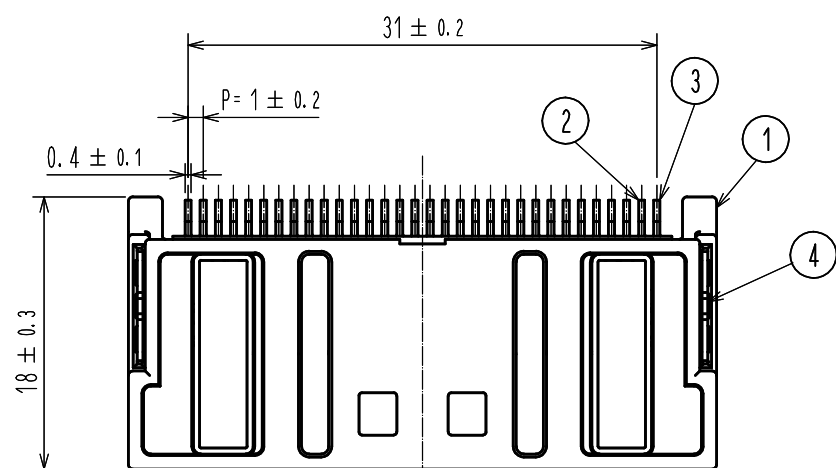
ELV, RoHS COMPLIANT

MATED CONNECTOR

RECOMMENDED PCB PATTERN (FREE)
(PCB THICKNESS: $t=1.6\text{mm}$. METAL MASK THICKNESS: $t=0.1\text{mm}$)

A
B
C
D
E
F

A
B
C
D
E
F



NOTE 1. RECOMMENDED TEMPERATURE PROFILE FOR REFLOW
(REFER TO RIGHT FIG.)
USED REFLOW SYSTEM

: IR IN THE AIR OR NITROGEN
NO. OF CYCLES : 2 MAX
PEAK : 250°C
OVER 230°C : 20~40s
PREHEAT : 150~180°C
90~120s

2. TEMPERATURE FOR SOLDERING IRON
: 280~300°C WITHIN 2s

3. CO-PLANARITY SHALL BE 0.1mm MAX.

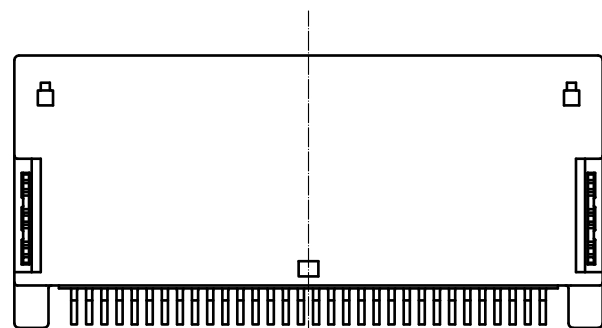
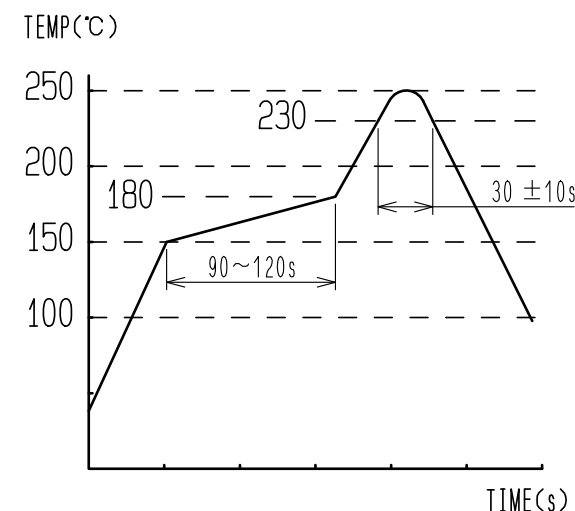
4. RECOMMENDED PCB THICKNESS IS 1.6mm.

5. RECOMMENDED SOLDER THICKNESS IS 0.10mm.

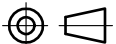
6. ACCORDING TO THE SOLDERING CONDITIONS, THERE ARE EVENTS WHERE SOLDER DOESN'T GET MOLTEN
DUE TO LOW TEMPERATURE OF SOLDERING AREA.

IN SUCH EVENTS, IF REFLOW TEMPERATURE IS RAISED INTENTIONALLY TO GET THE SOLDER MOLTEN,
IT MAY CAUSE EXCESSIVE HEAT OF UP TO 250°C ON THE OUTER (TOP) SURFACE OF CONNECTOR
THAT CAN LEAD TO THE OCCURRENCE OF BLISTER.

PLEASE ENSURE THAT TEMPERATURE OF OUTER (TOP) SURFACE OF CONNECTOR SHALL NOT EXCEED 250°C WHILE SOLDERING.



3	COPPER ALLOY	SURFACE : TIN PLATING 1μm min		6	POLYESTER		
		UNDER : NICKEL PLATING 1μm min					
2	COPPER ALLOY	SURFACE : TIN PLATING 1μm min		5	POLYSTYRENE		
		UNDER : NICKEL PLATING 1μm min					
1	PA	BLACK, UL94V-0		4	BRASS	SURFACE : TIN PLATING 1μm min UNDER : NICKEL PLATING 1μm min	
NO.	MATERIAL	FINISH , REMARKS		NO.	MATERIAL	FINISH , REMARKS	

UNITS mm		SCALE 2 : 1	 COUNT 1	DESCRIPTION OF REVISIONS DIS-T-00019156	DESIGNED YANG CHUAN XING	CHECKED MH. SHOUJI	DATE 20231102
 HIROSE ELECTRIC CO., LTD.		APPROVED : AH. EDASHIGE		20220503	DRAWING NO. EDC-399088-00-00		
		CHECKED : AH. EDASHIGE		20220503	PART NO. ZH05-32DS-2H(A)		
		DESIGNED : MH. SHOUJI		20220503	CODE NO. CL0756-2110-0-00		
		DRAWN : CHANGSHEN ZHOU		20220503	 		

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