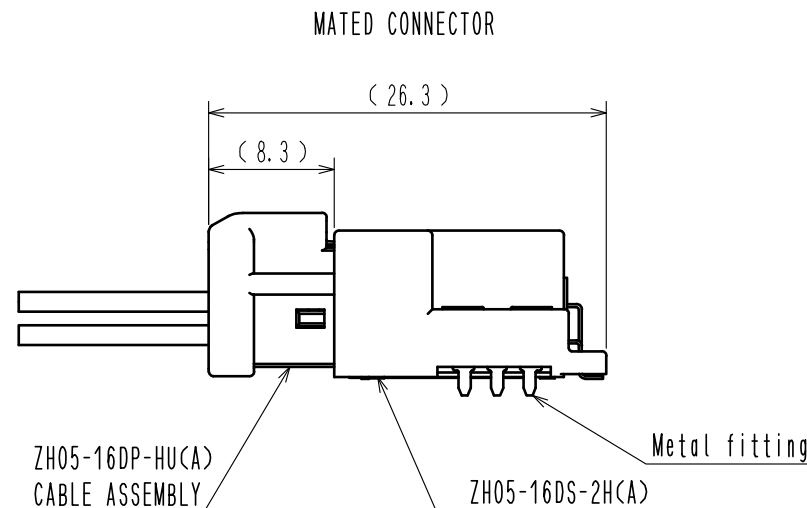
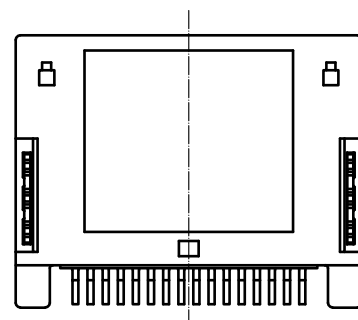
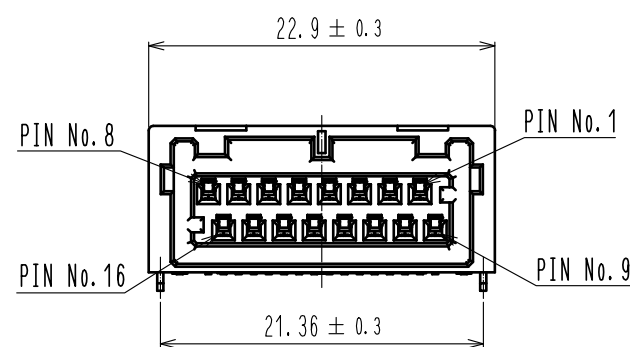
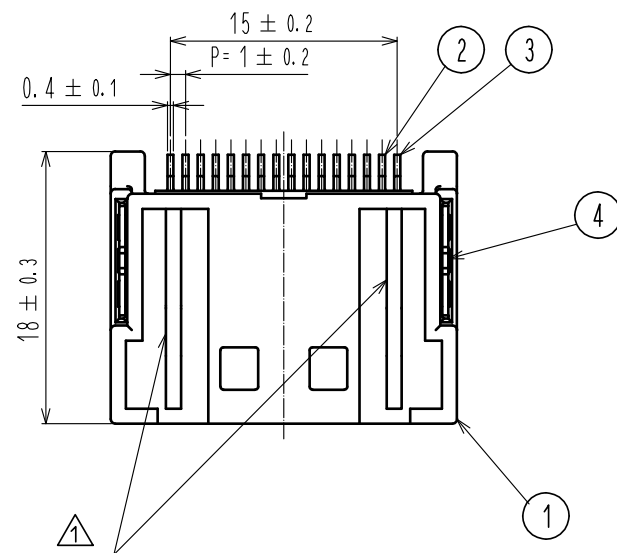
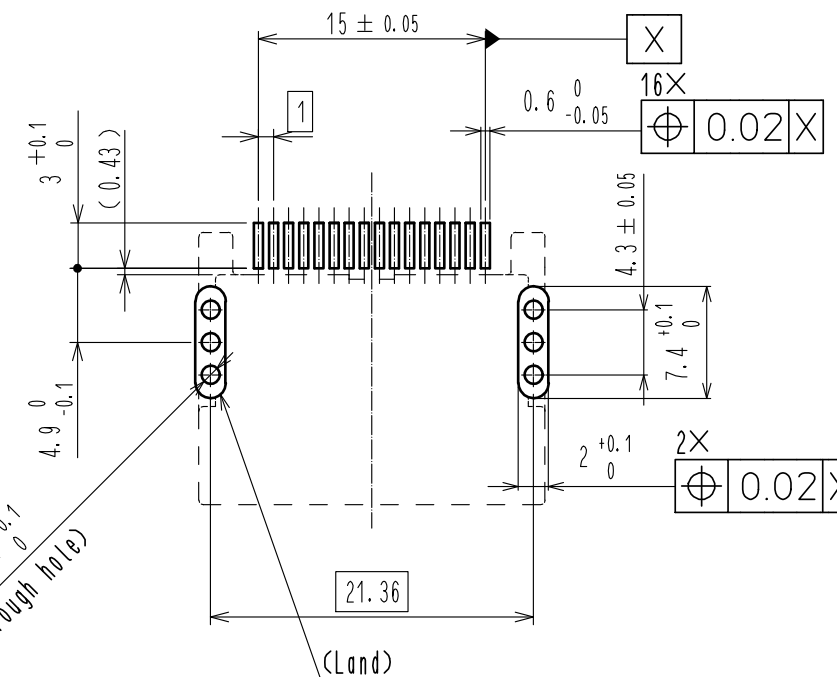


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

ELV, RoHS COMPLIANT



RECOMMENDED PCB PATTERN (FREE)
(PCB THICKNESS: t=1.6mm. METAL MASK THICKNESS: t=0.1mm)



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.

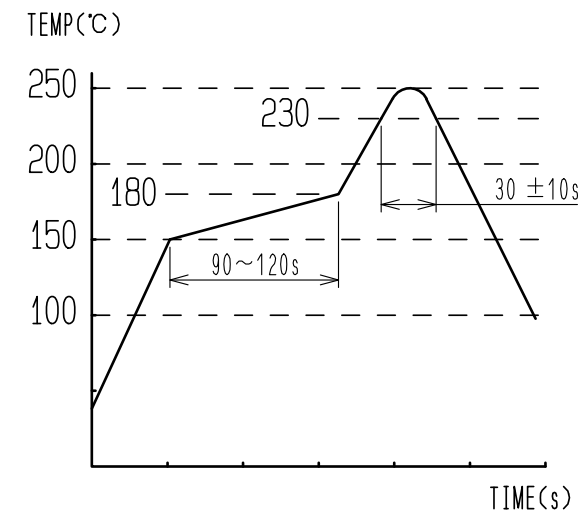
4. RECOMMENDED PCB THICKNESS IS 1.6mm.

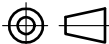
5. RECOMMENDED SOLDER THICKNESS IS 0.10mm.

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  2	DESCRIPTION OF REVISIONS DIS-T-00020511		DESIGNED YANG CHUAN XING	CHECKED MH. SHOUJI	DATE 20240325
 HIROSE ELECTRIC CO., LTD.		APPROVED : MH. SHOUJI		20230713		DRAWING NO. EDC-386853-80-00				
		CHECKED : MH. SHOUJI		20230713		PART NO. ZH05-16DS-2H(A)				
		DESIGNED : YANG CHUAN XING		20230713		CODE NO. CL0756-2101-0-80				
		DRAWN : YANG CHUAN XING		20230713						
						 1				

PRODUCTS DIRECTION

20 EMPTY POCKETS MIN

20 EMPTY POCKETS MIN

FIXING EMBOSSED CARRIER TAPE

FIXING EMBOSSED CARRIER TAPE

1.5 CARRIER HOLES AT FRONT

IDENTIFICATION TAG

(50.4 : WIDTH OF OUTSIDE)

(ϕ 380)

(ϕ 79)

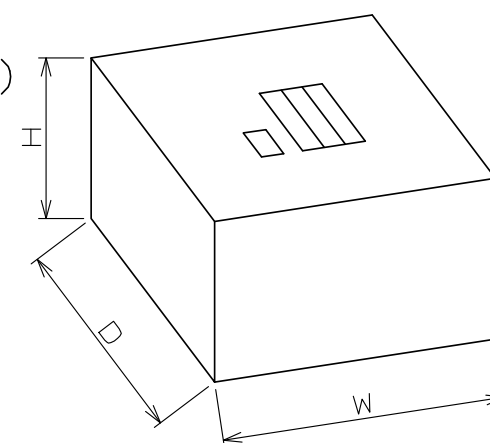
(44.4 : WIDTH OF INSIDE)

OR REFERENCE

250 PCS/REEL

5 REELS/CARTON

W=(405) (mm)
D=(405) (mm)
H=(350) (mm)



HRS	DRAWING NO.	EDC-386853-80-00	
	PART NO.	ZH05-16DS-2H(A)	
	CODE NO.	CL0756-2101-0-80	 