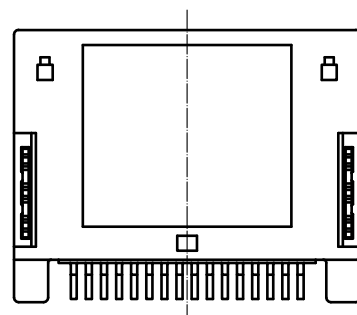
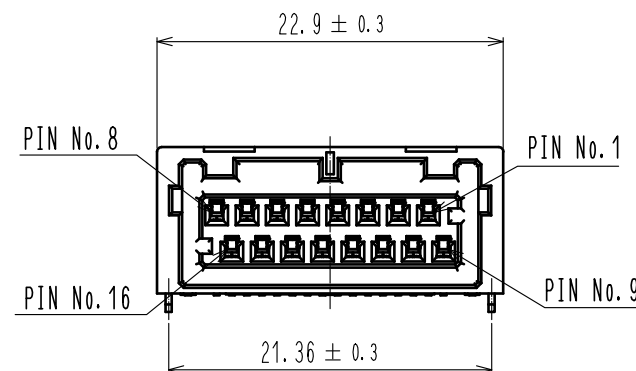
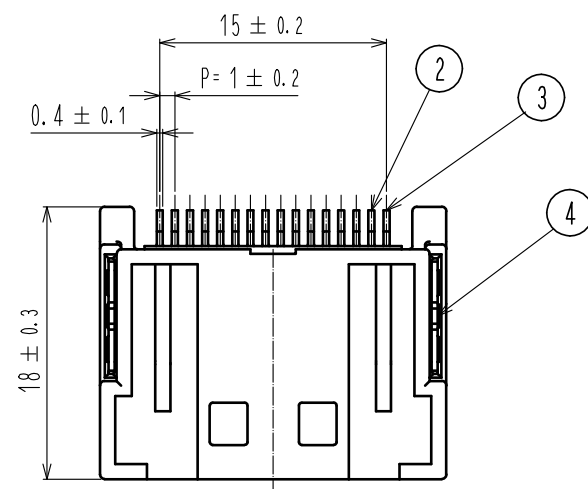
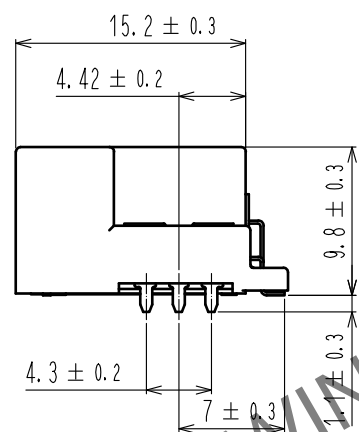
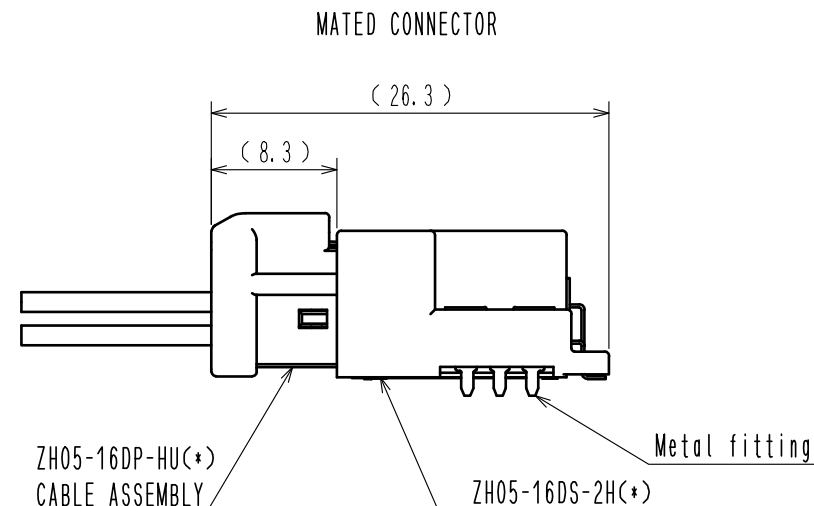


Apr.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

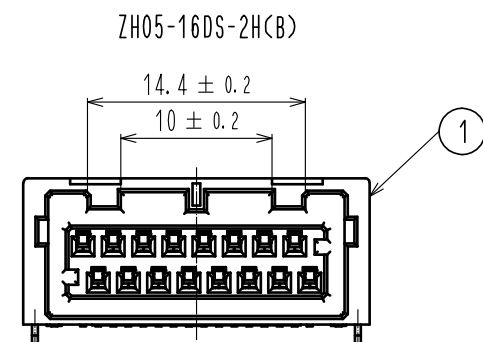
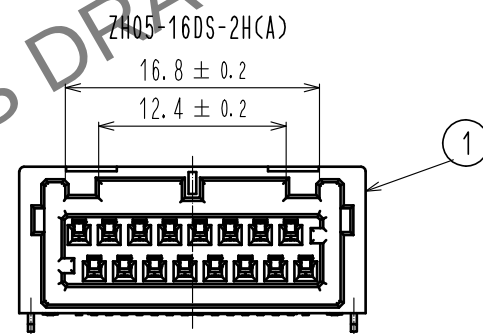
ELV, RoHS COMPLIANT



PART NO.	CODE NO.	COLOR
ZH05-16DS-2H(A)	CL756-2101-0-00	BLACK
ZH05-16DS-2H(B)	CL756-2104-0-00	GRAY

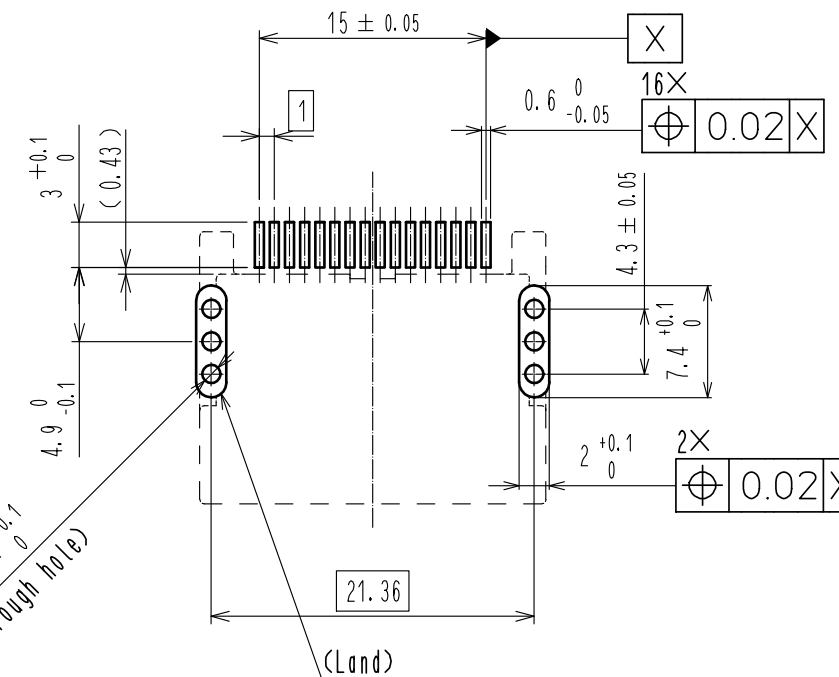


KEYING



MATED CONNECTOR

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

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

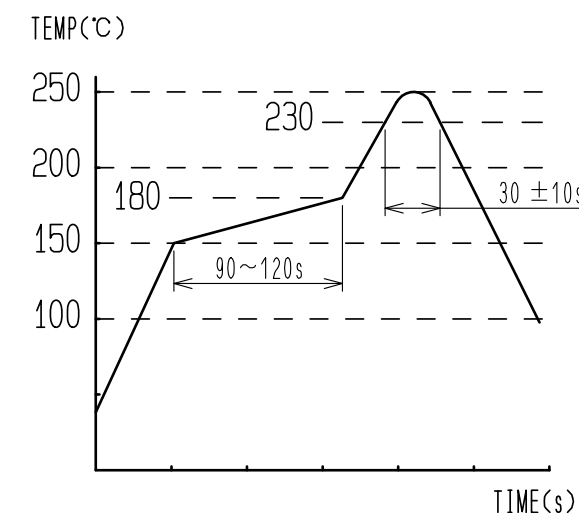
3. CO-PLANARITY SHALL BE 0.1mm MAX.

4. RECOMMENDED PCB THICKNESS IS 1.6mm.

5. RECOMMENDED SOLDER THICKNESS IS 0.10mm.

6. OTHER PINS VARIATION IS UNDER PLANNING

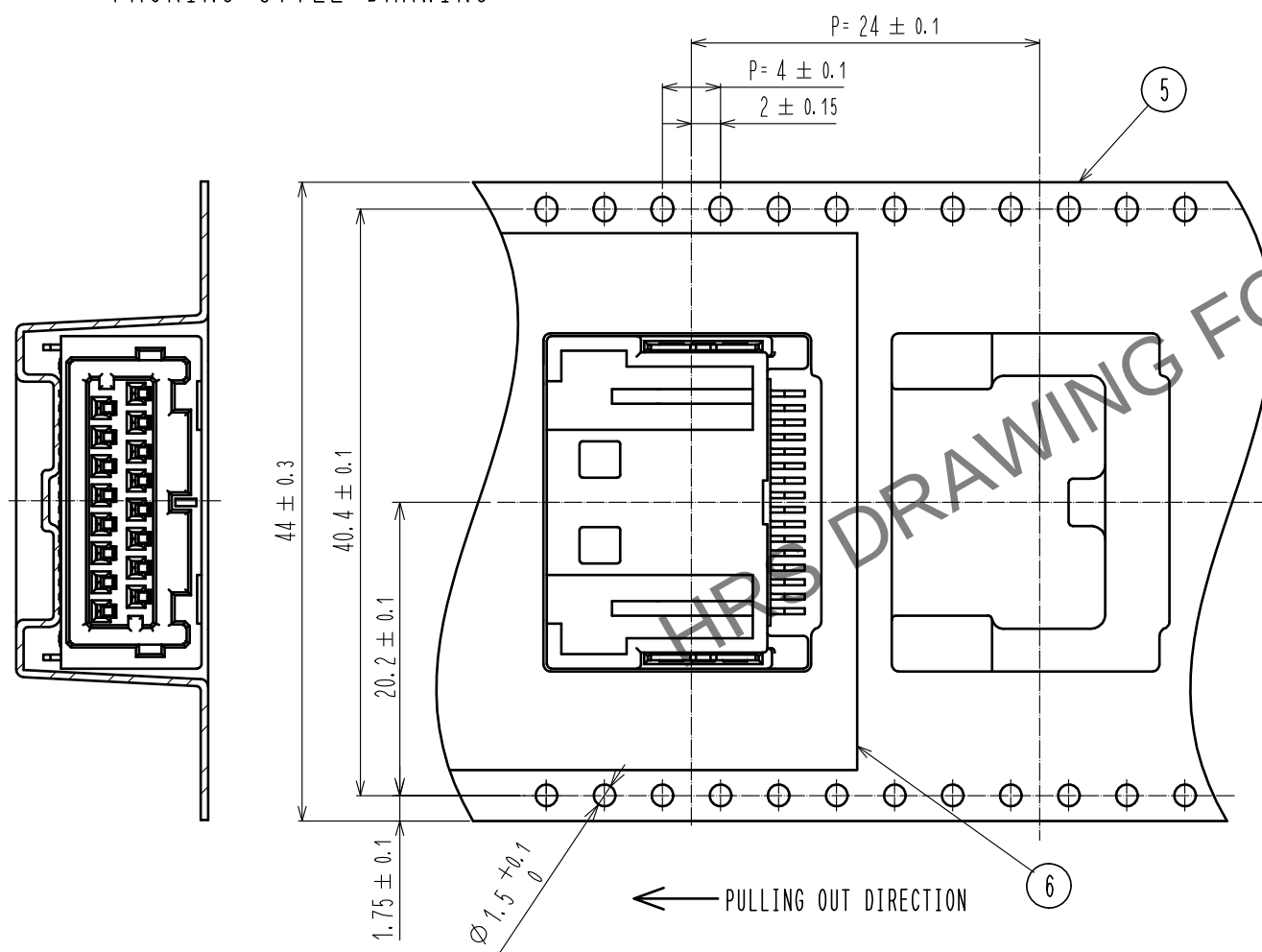
7. ACCORDING TO THE SOLDERING CONDITIONS, THERE ARE EVENTS WHERE SOLDER DOESN' T GET MOLTEN DUE TO LOW TEMPERATURE OF SOLDERING AREA.
IN SUCH EVENTS, IF REFLOW TEMPERATURE IS RAISED INTENTIONALLY TO GET THE SOLDER MOLTEN, IT MAY CAUSE EXCESSIVE HEAT OF UP TO 250°C ON THE OUTER (TOP) SURFACE OF CONNECTOR 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.



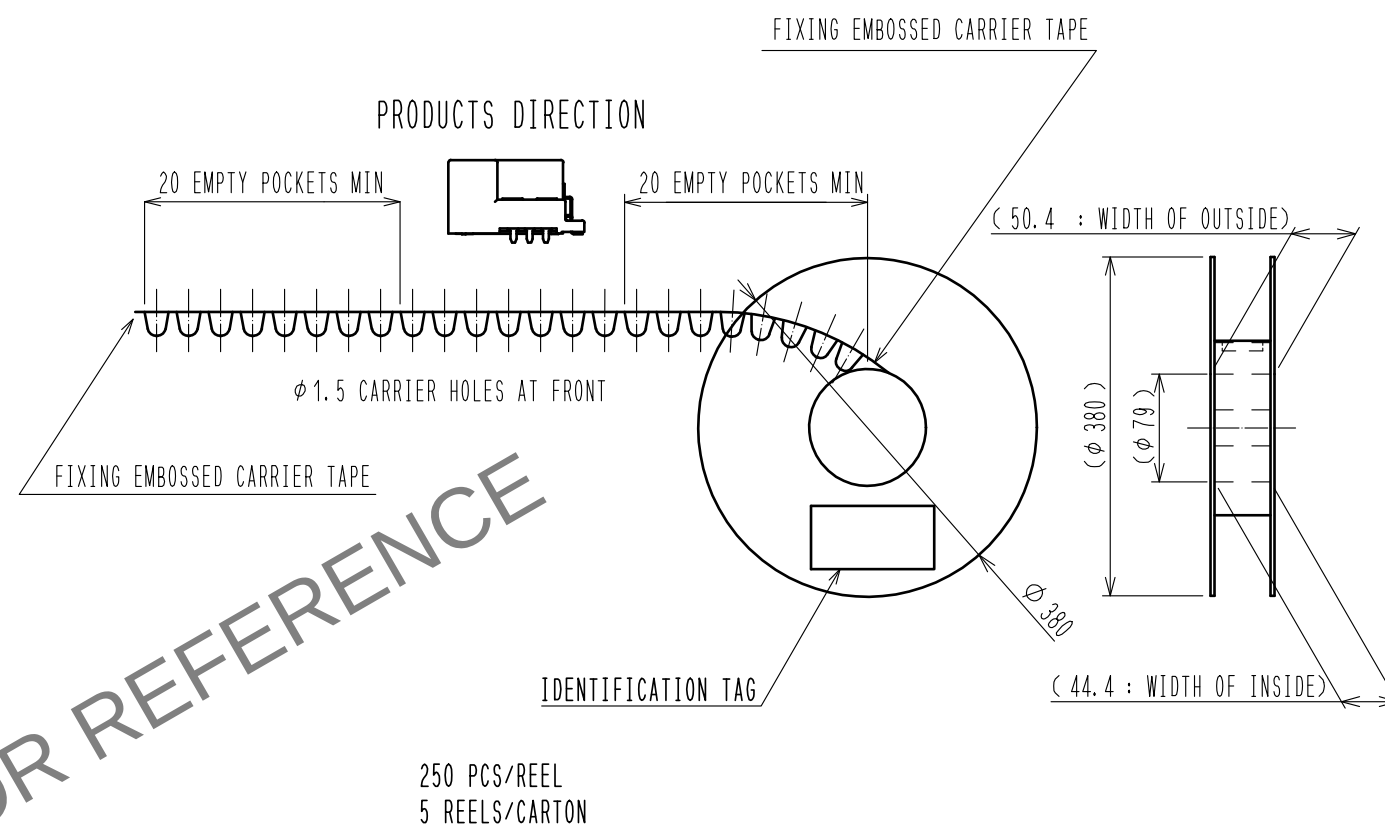
3	COPPER ALLOY	SURFACE : TIN PLATING 1μm min UNDER : NICKEL PLATING 1μm min	6	POLYESTER	
2	COPPER ALLOY	SURFACE : TIN PLATING 1μm min UNDER : NICKEL PLATING 1μm min	5	POLYSTYRENE	
1	PA	GRAY, UL94V-0 BLACK, UL94V-0	4	BRASS	SURFACE : TIN PLATING 1μm min UNDER : NICKEL PLATING 1μm min
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
UNITS mm		SCALE 2 : 1	COUNT 1	DESCRIPTION OF REVISIONS DIS-T-00011473	DESIGNED AN. SAIKI
		APPROVED : HK. UMEHARA 20191227	DRAWING NO. EDC-391444-00-00		
HIROSE ELECTRIC CO., LTD.		CHECKED : OM. MIYAMOTO 20191227	PART NO. ZH05-16DS-2H(*)		
		DESIGNED : KH. MARUNO 20191227	CODE NO. CLCode		
		DRAWN : KH. MARUNO 20191227	DATE 20211008		

PACKING STYLE

PACKING STYLE DRAWING



REEL DIMENSION (FREE)



CARDBOARD DIMENSION (FREE)

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

