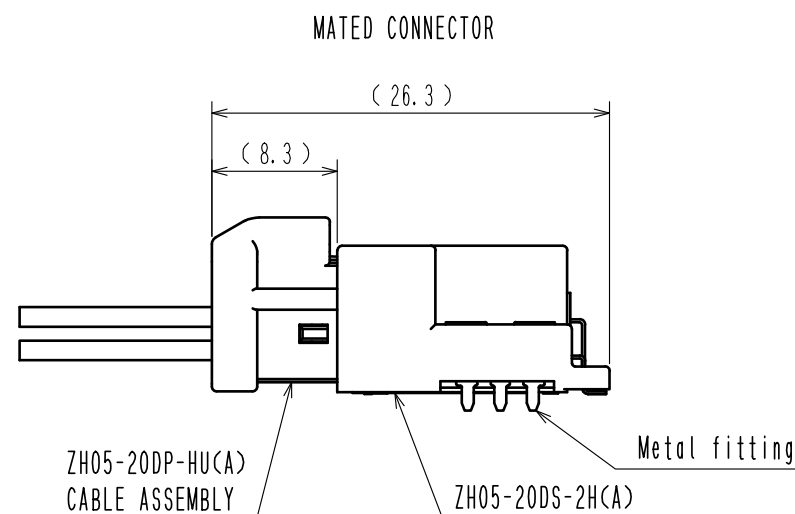
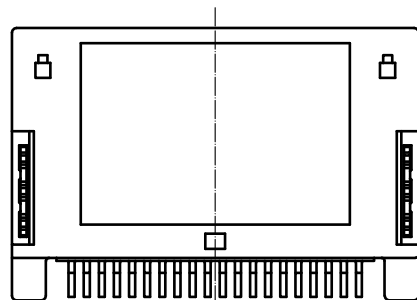
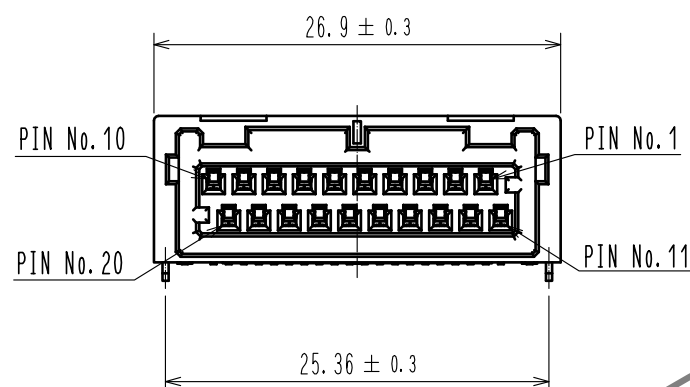
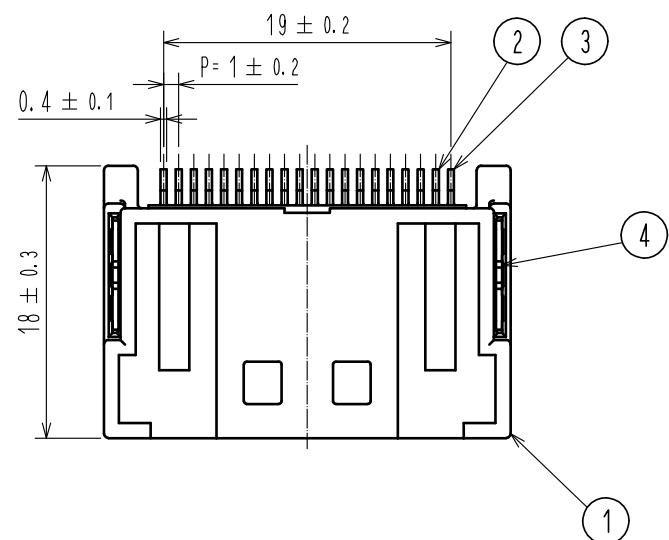
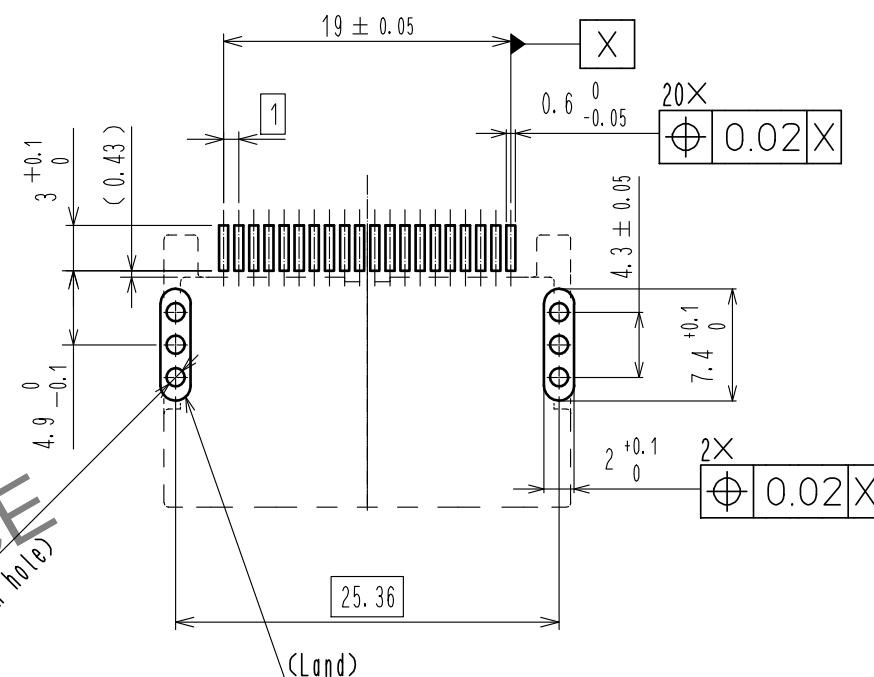


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ELV, RoHS COMPLIANT



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℃  
OVER 230℃ : 20~40s  
PREHEAT : 150~180℃  
90~120s

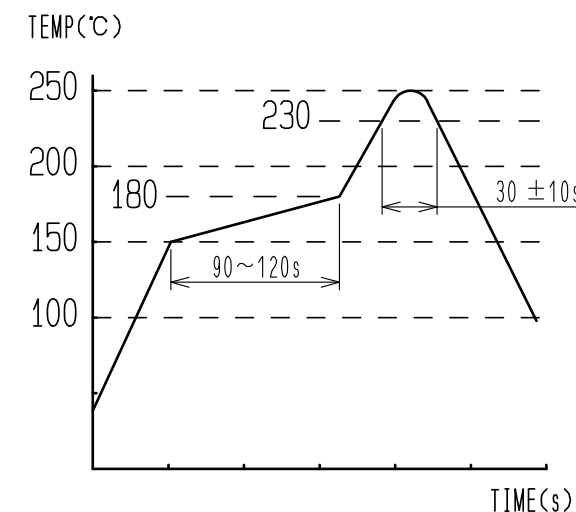
2. TEMPERATURE FOR SOLDERING IRON  
:280~300℃ WITHIN 2s

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℃ 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℃ WHILE SOLDERING.

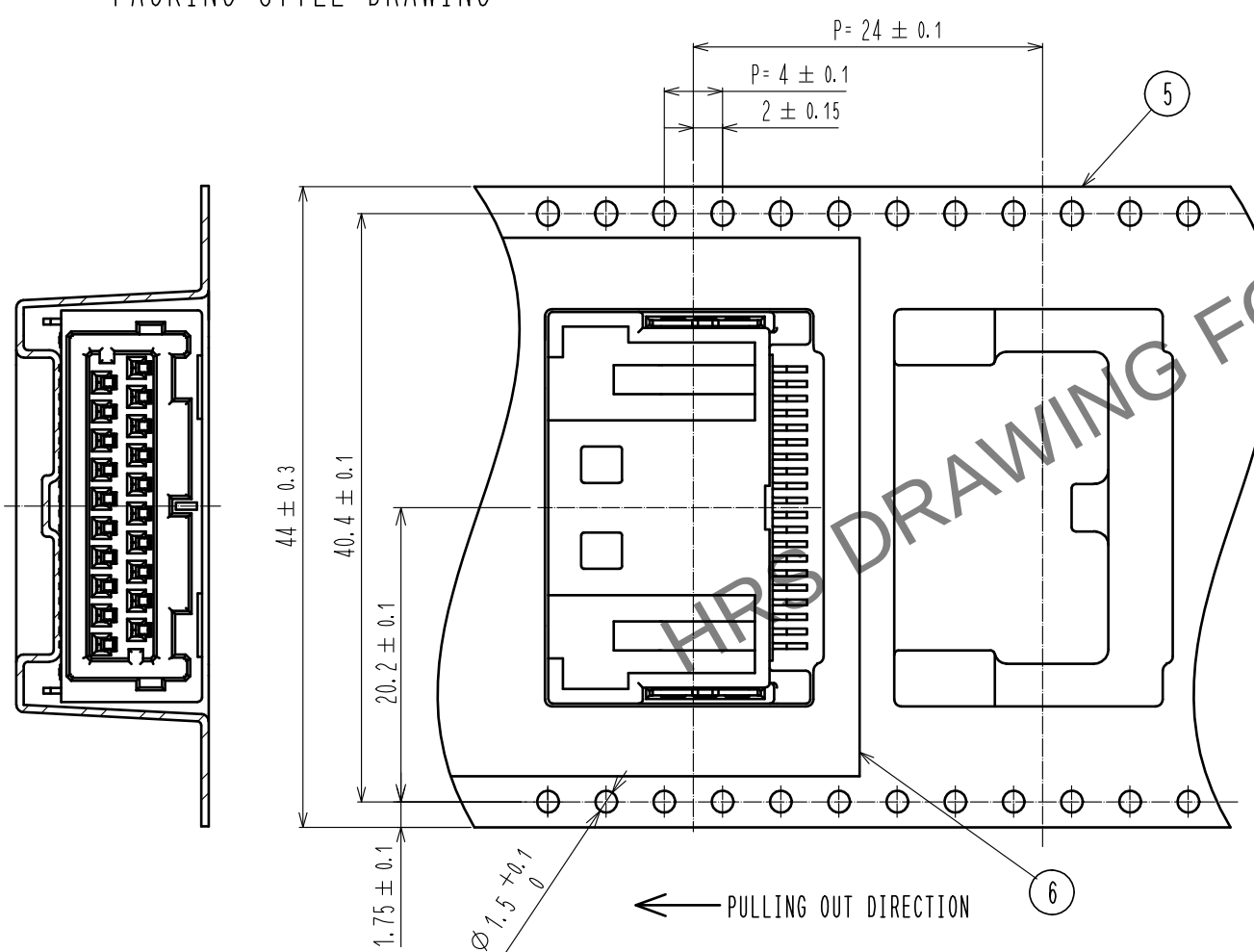


|             |              |                                                                 |                                 |                                            |                                                                 |
|-------------|--------------|-----------------------------------------------------------------|---------------------------------|--------------------------------------------|-----------------------------------------------------------------|
| 3           | COPPER ALLOY | SURFACE : TIN PLATING 1μm min<br>UNDER : NICKEL PLATING 1μm min | 6                               | POLYESTER                                  |                                                                 |
| 2           | COPPER ALLOY | SURFACE : TIN PLATING 1μm min<br>UNDER : NICKEL PLATING 1μm min | 5                               | POLYSTYRENE                                |                                                                 |
| 1           | PA           | BLACK, UL94V-0                                                  | 4                               | BRASS                                      | SURFACE : TIN PLATING 1μm min<br>UNDER : NICKEL PLATING 1μm min |
| NO.         | MATERIAL     | FINISH , REMARKS                                                | NO.                             | MATERIAL                                   | FINISH , REMARKS                                                |
| UNITS<br>mm |              | SCALE<br>2 : 1                                                  | COUNT<br>1                      | DESCRIPTION OF REVISIONS<br>DIS-T-00011251 | DESIGNED<br>KH. MARUNO                                          |
|             |              | APPROVED : OM. MIYAMOTO<br>20191220                             | DRAWING NO.<br>EDC-388384-00-00 |                                            |                                                                 |
|             |              | CHECKED : OM. MIYAMOTO<br>20191220                              | PART NO.<br>ZH05-20DS-2H(A)     |                                            |                                                                 |
|             |              | DESIGNED : KH. MARUNO<br>20191220                               | CODE NO.<br>CL0756-2102-0-00    |                                            |                                                                 |
|             |              | DRAWN : KH. MARUNO<br>20191220                                  | DATE<br>20210917                |                                            |                                                                 |

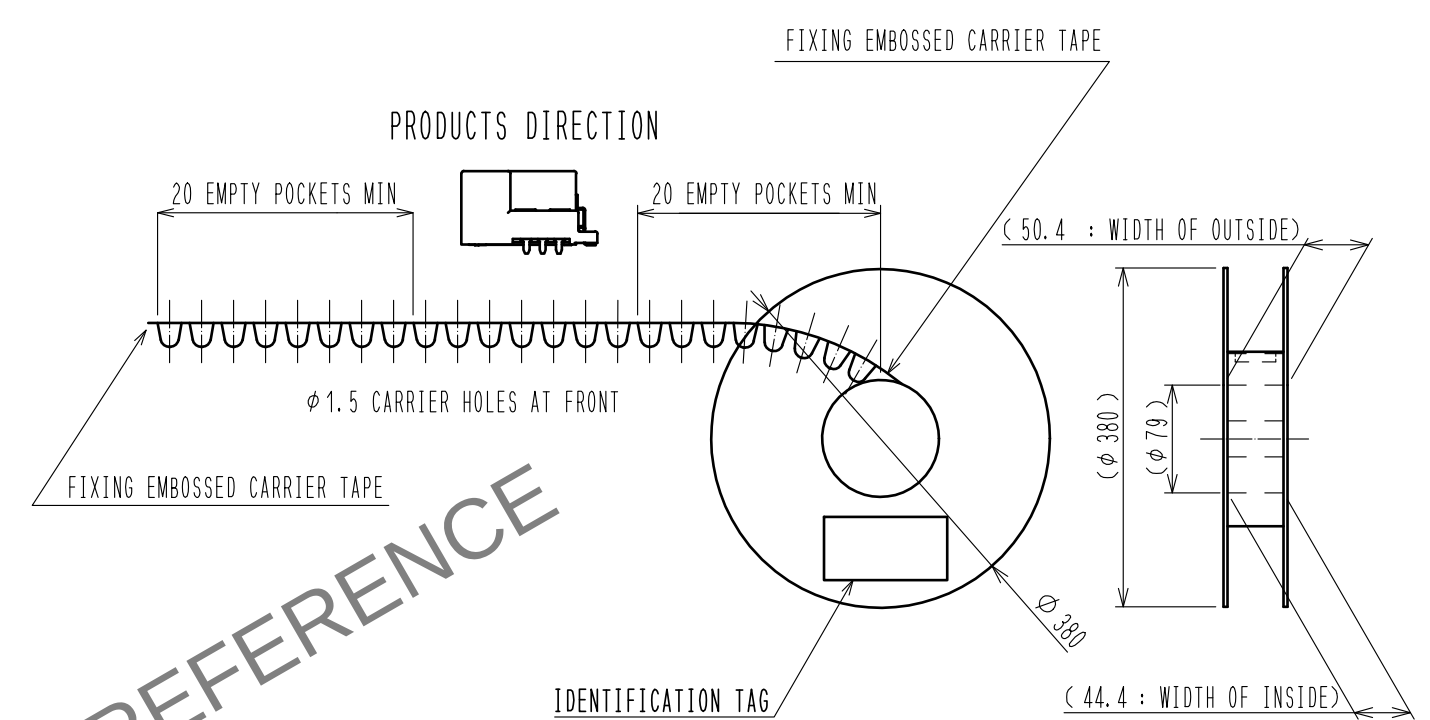
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# PACKING STYLE

## PACKING STYLE DRAWING



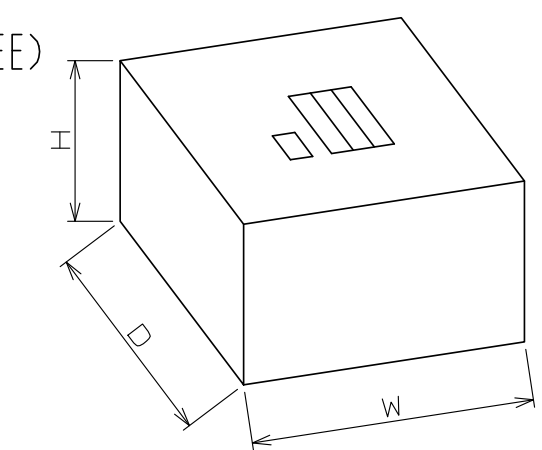
## REEL DIMENSION (FREE)



250 PCS/REEL  
5 REELS/CARTON

## CARDBOARD DIMENSION (FREE)

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



|             |                  |
|-------------|------------------|
| DRAWING NO. | EDC-388384-00-00 |
| PART NO.    | ZH05-20DS-2H(A)  |
| CODE NO.    | CL0756-2102-0-00 |