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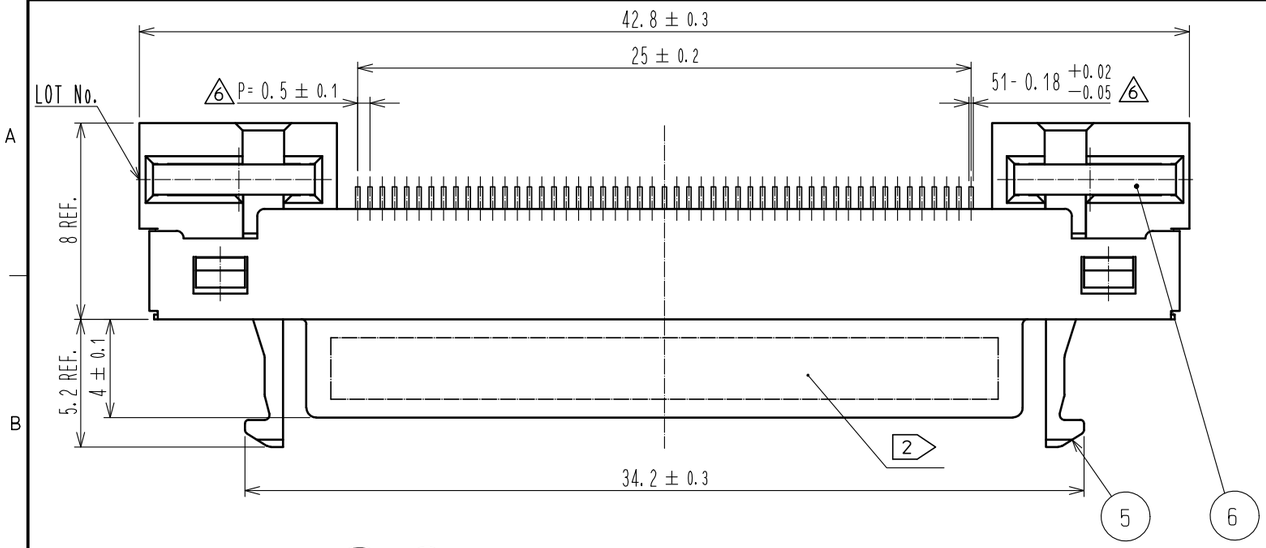

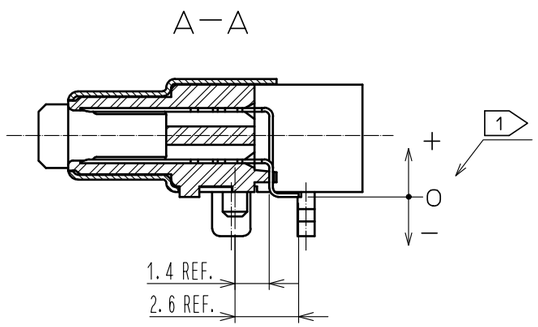

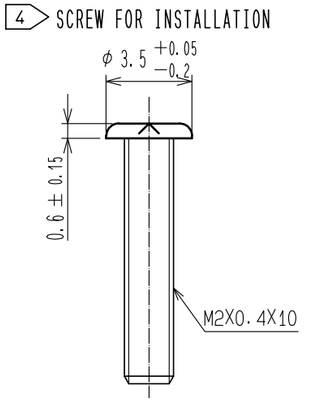

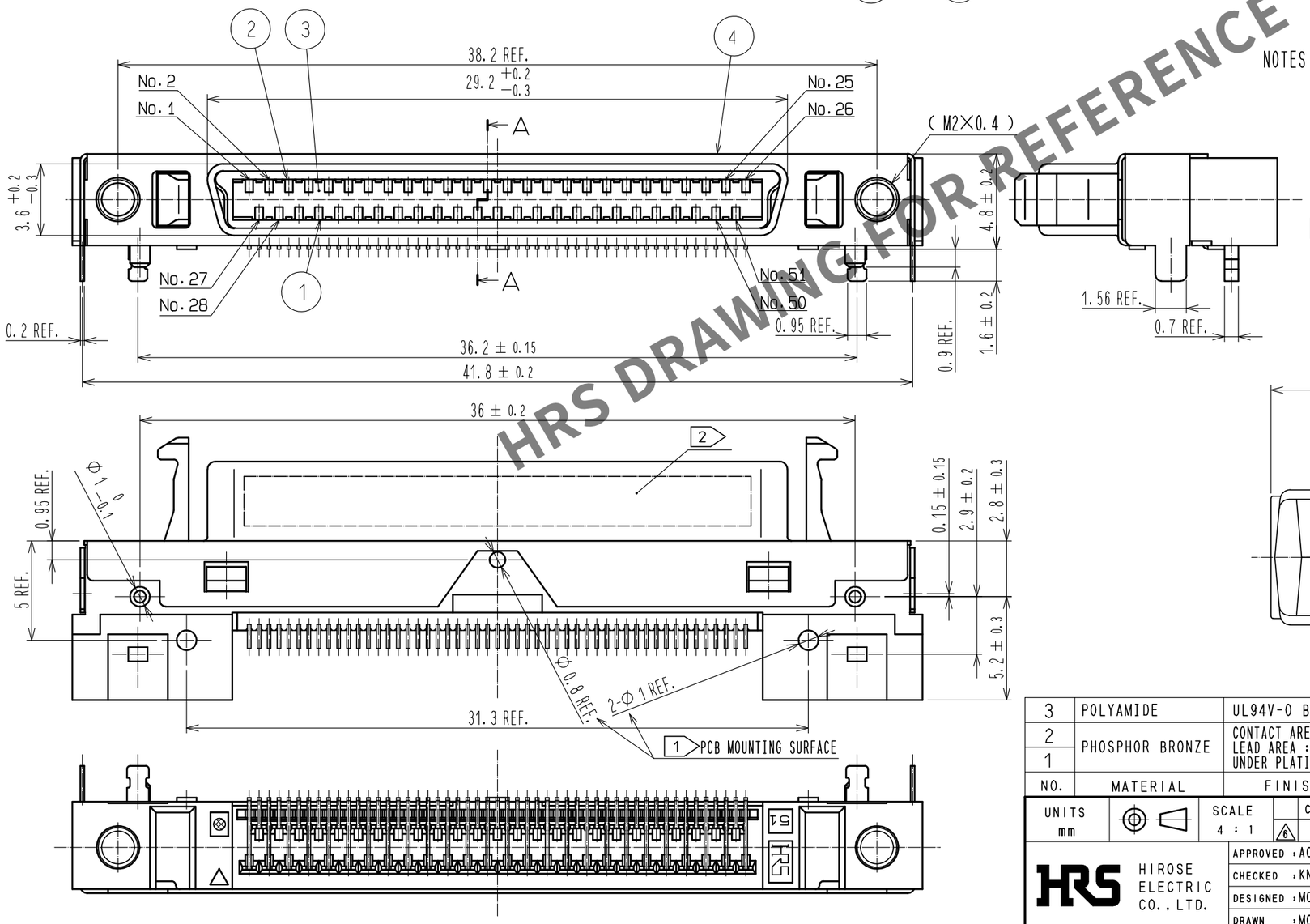

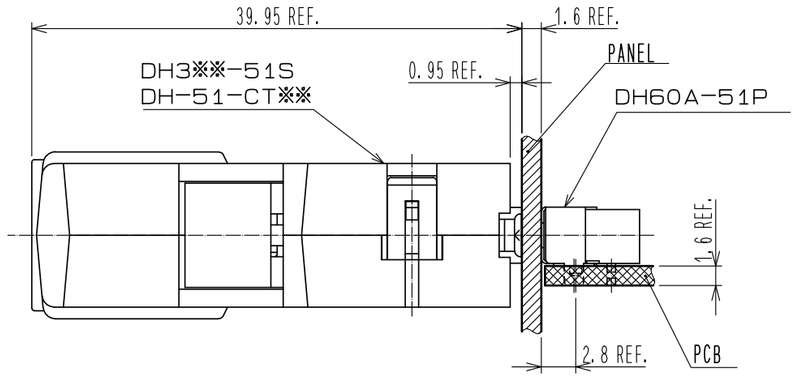

HRS DRAWING FOR REFERENCE

NOTES
1. LEAD CO-PLANARITY OF SIGNAL CONTACT TO BE 0.1 IN THE -0.1 TO +0.05 RANGE FROM PCB MOUNTING SURFACE.
2. ASSEMBLY TOOL MARKS INDICATED IN THE FIGURE WILL NOT AFFECT PERFORMANCE.
3. THIS PRODUCT SHALL BE MATED WITH A UNIT 'DH3**-51S' WHICH ASSEMBLED TO A COVER CASE 'DH-51-CT**'.
   AN ASSEMBLY OF THE UNIT NEEDS A CLAMP 'DH-51-CM*(***)'
4. INSTALLATION WITH THE PANEL MUST USE A DEDICATED SCREW.
   PURCHASE :①HRS PART No.「DH60A-SCREW」
   CL No.「CL244-0042-1」
   ②NITTOSEIKO CO.,LTD.
   「FINE PAN HEAD MACHINE SCREW 2 TYPES」

3 MATED(2:1)

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
3	POLYAMIDE	UL94V-0 BLACK	6	BRASS	OVER PLATING : TIN 1μm MIN. UNDER PLATING : NICKEL 1μm MIN.
2	PHOSPHOR BRONZE	CONTACT AREA : GOLD 0.2μm MIN. LEAD AREA : GOLD 0.03μm MIN. UNDER PLATING : NICKEL 1μm MIN.	5	STEEL	OVER PLATING : NICKEL 3μm MIN. UNDER PLATING : COPPER 3μm MIN.
1			4	STAINLESS STEEL	OVER PLATING : TIN 1μm MIN. UNDER PLATING : NICKEL 1μm MIN.

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	4 : 1	6	DIS-E-00009512	HY. MATSUDA	KG. OKITA	20220526

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APPROVED	AO. SUZUKI	20090428	DRAWING NO. EDC3-126869-00
CHECKED	KN. ICHIKAWA	20090428	PART NO. DH60A-51P
DESIGNED	MO. SHIMOYAMA	20090428	
DRAWN	MO. SHIMOYAMA	20090428	CODE NO. CL0244-0043-4-00

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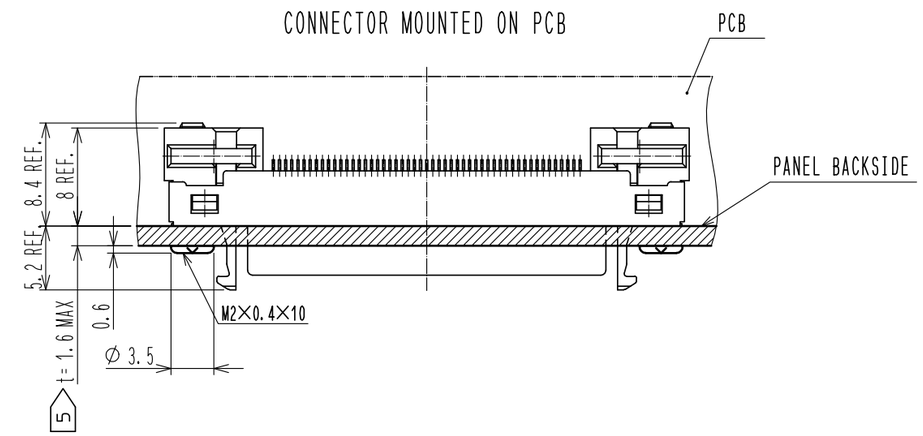
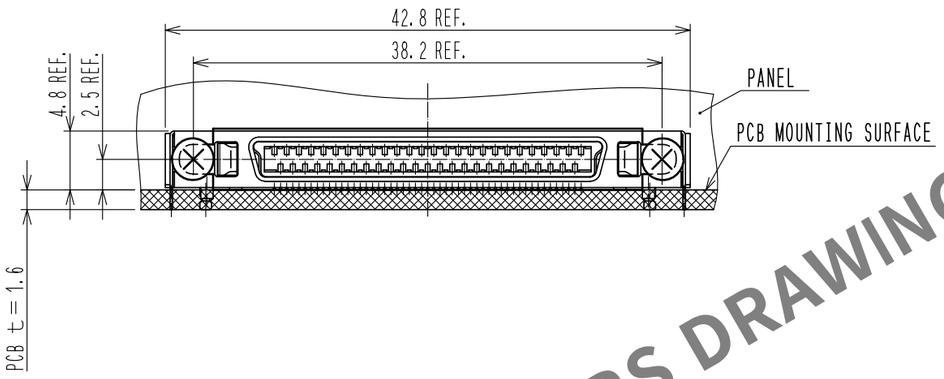
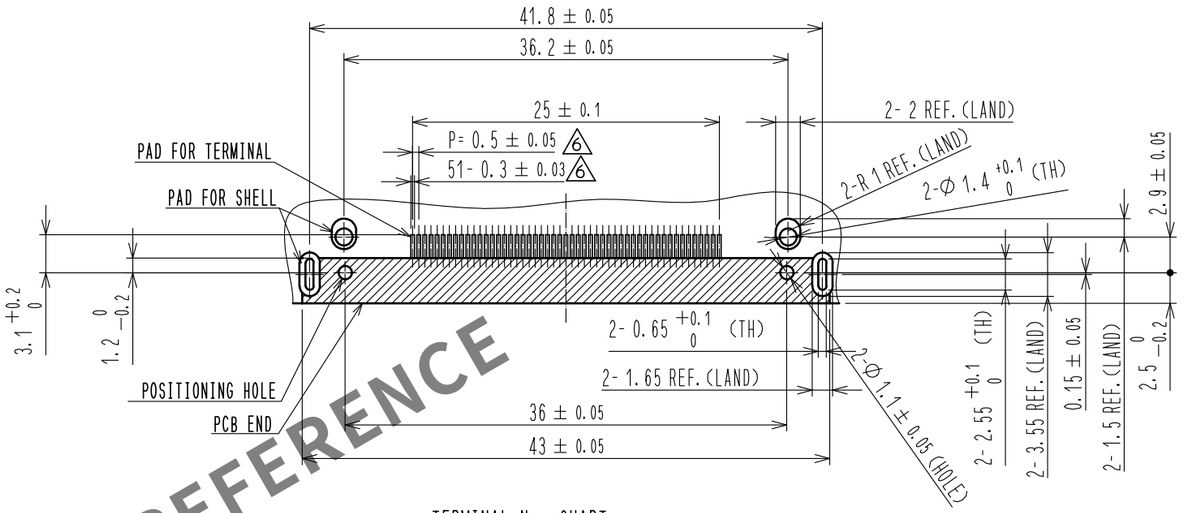
CONNECTOR MOUNTED ON PCB

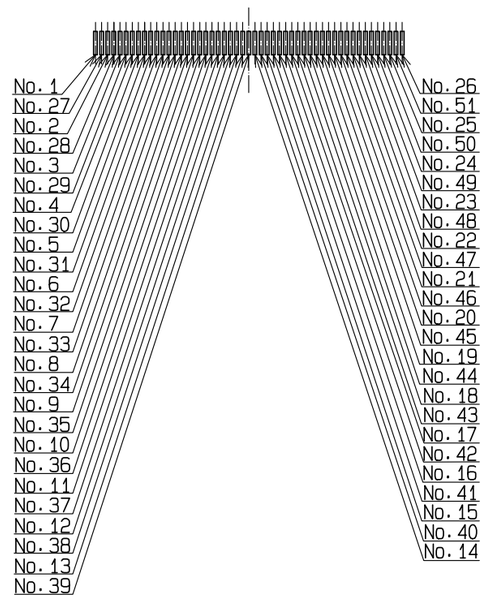




PCB LAYOUT FOR REFERENCE(MOUNTING SURFACE SIDE)

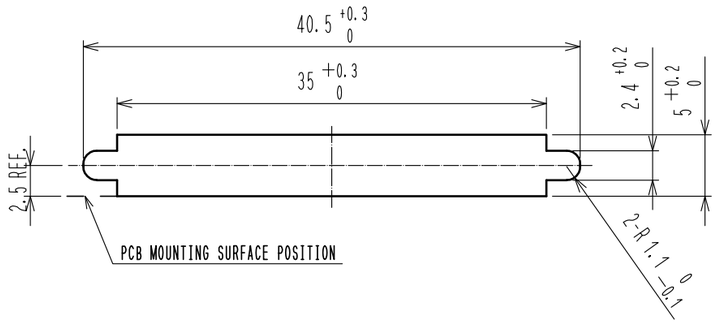


TERMINAL No. CHART



: PATTERN PROHIBITION AREA

PANEL CUTOUT FOR REFERENCE
(THE DIMENSION IS SPECIFIED BASED ON THE CENTER OF THE CONNECTOR INTERFACE)



NOTE 5 PANEL THICKNESS IS 1.6mm MAX.

HRS DRAWING FOR REFERENCE

HRS	DRAWING NO.	EDC3-126869-00
	PART NO.	DH60A-51P
	CODE NO.	CL0244-0043-4-00

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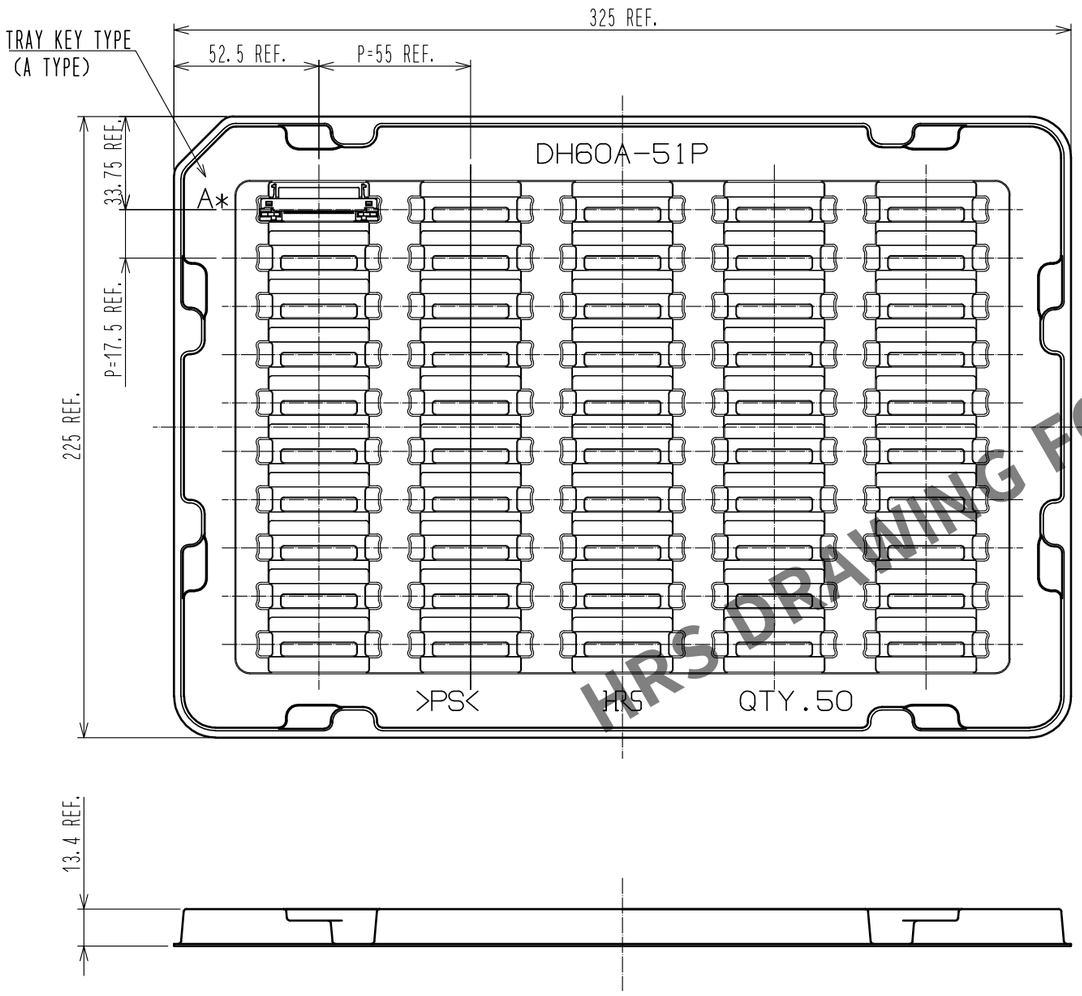
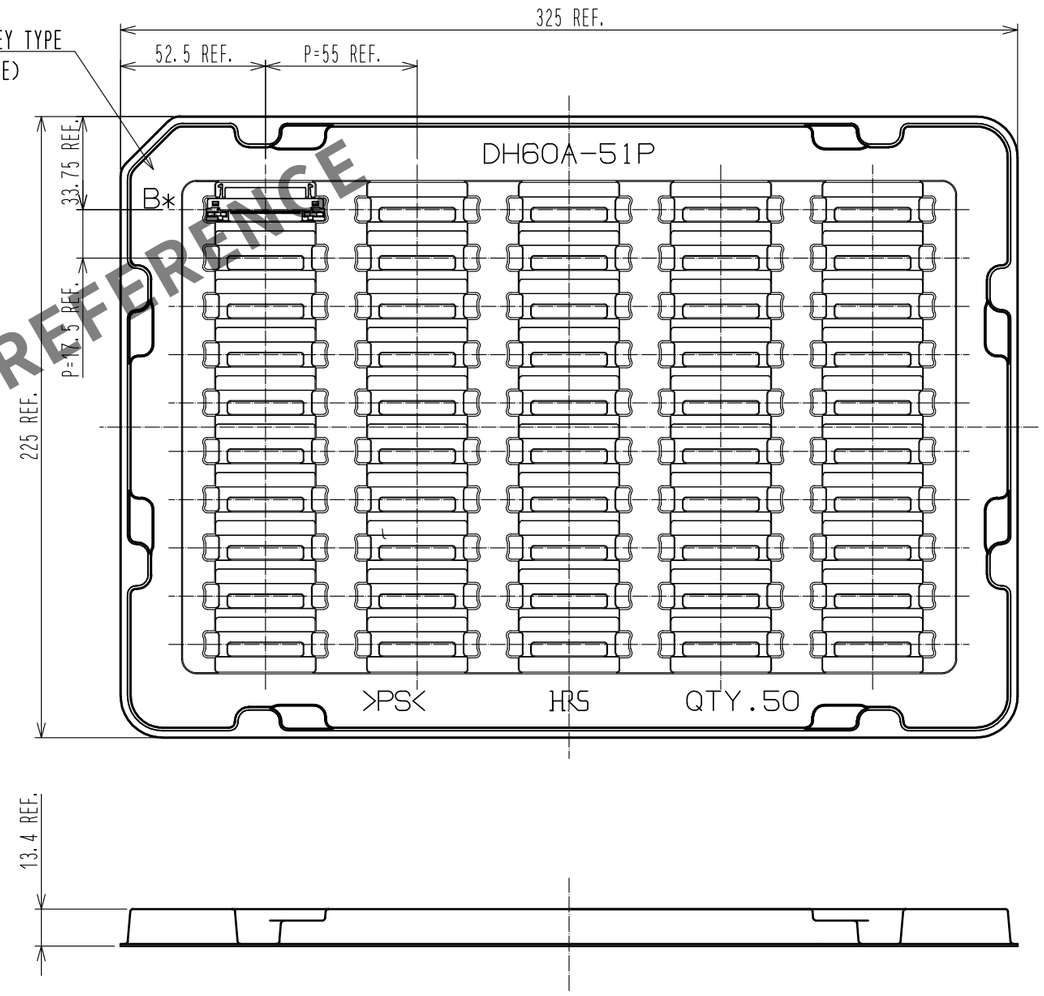
DRAWING FOR PACKING(FREE)





HRS DRAWING FOR REFERENCE

※TRAYS, A TYPE AND B TYPE, ARE PILED UP ALTERNATELY.

HRS	DRAWING NO.	EDC3-126869-00
	PART NO.	DH60A-51P
	CODE NO.	CL0244-0043-4-00

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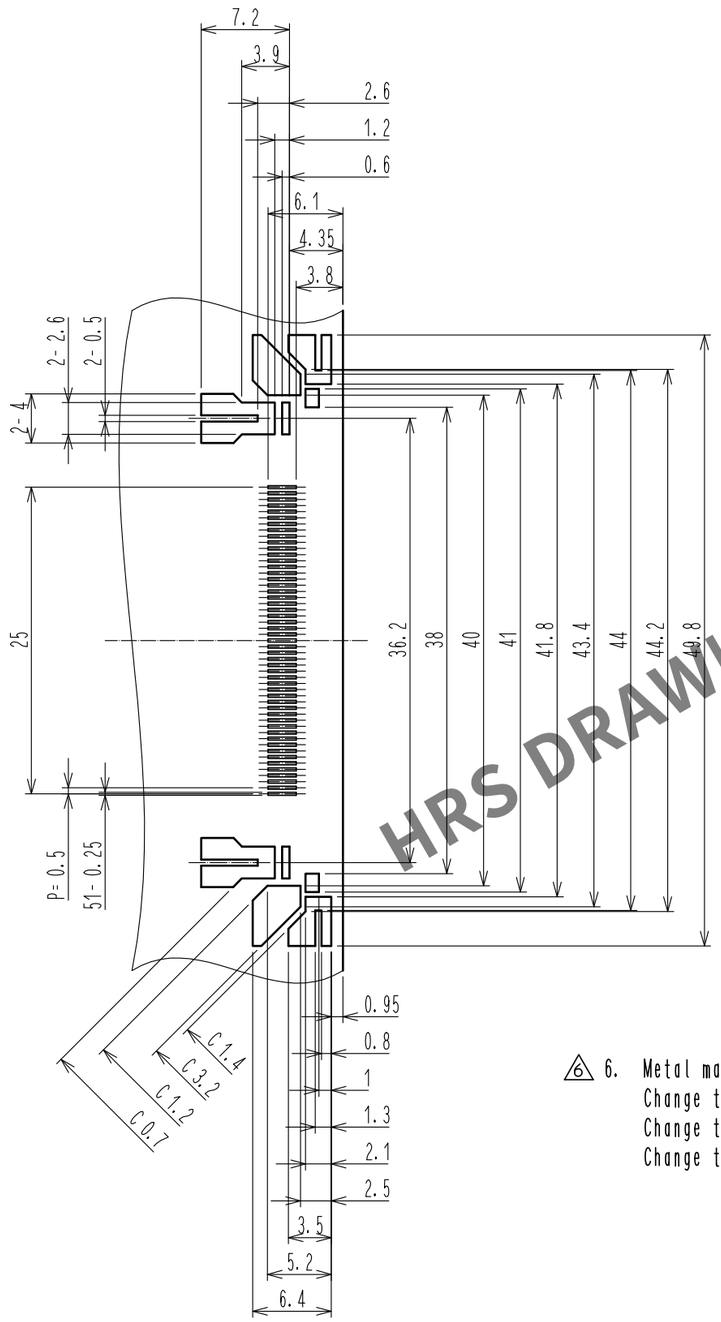
△6 REFERENCE METAL MASK LAYOUT(2:1)
(t=0.15)



GENERAL TOLERANCE IS ±0.05

△6 6. Metal mask dimensions of the drawings described, are reference dimensions for 0.15 mm thickness metal mask.
Change the metal mask dimensions by thickness of the metal mask, thickness of PCB, component of solder paste and mounting conditions.
Change the metal mask dimensions in case of mounting DH**-**P in parallel.
Change the metal mask dimensions, if there are other mounting parts or implementation pattern around the portion of mounting position of DH**-**P.

HRS DRAWING FOR REFERENCE

DRAWING NO.	EDC3-126869-00
PART NO.	DH60A-51P
CODE NO.	CL0244-0043-4-00 △6 4/4