

1 2 3 4 5 6 7 8

HRS

DRAWING

31.99 ± 0.3

11 ± 0.3

CONTACT No. 1

24.24 ± 0.3

11 ± 0.3

7.6 ± 0.3

8.8 ± 0.3

1.2 ± 0.2

0.5 ± 0.1

0.35 ± 0.1

1.905 ± 0.25

P = 3.81 ± 0.25

15.24 ± 0.3

24.64 ± 0.2

29.64 ± 0.3

φ 1.5 ± 0.2

3

CONTACT No. 1

3.3 ± 0.3

(3)

6

LOT No. MARKING

8.5 ± 0.3

6

LOT No. MARKING

0.5 ± 0.1

2 ± 0.25

4 ± 0.25

4 ± 0.25

4

MISALIGNMENT ABSORBING STRUCTURE (FREE)

X-DIRECTION : ± 0.3mm

Y-DIRECTION : ± 0.3mm

CROSS SECTION OF MATING(FREE) VERTICAL CONNECTION

FX30A-5S-3.81DS

(2)

EFFECTIVE MATING LENGTH

(18)

(11)

0.5 min

NOTE

1 THIS PRODUCT IS PACKAGED IN TRAY. (60pcs/TRAY)

2 BLEMISH AND HIT MARK CAN BE OCCURED THROUGH OUT THE MANUFACTURING PROCESS WHICH DOESN'T AFFECT QUALITY LEVEL. ALSO, BLACK SPOT COULD BE OBSERVED ON THE SURFACE OF HOUSING.

3 EACH CONTACT NO. IS APPLIED TO ADJACENT 6 LEADS AS A LINE.

4 MISALIGNMENT ABSORBING RANGE: ± 0.3mm max.

5 THE DIMENSION IN PARENTHESES ARE FOR REFERENCES.

6 LOT NO. IS INDICATED AT EITHER ONE OF THE POSITION AS SHOWN.

NO.	MATERIAL	FINISH	REMARKS	NO.	MATERIAL	FINISH	REMARKS
2	COPPER ALLOY	CONTACT AREA: GOLD-PLATING 0.1 μm		4	POLYSTYRENE		
		LEAD AREA: TIN-PLATING 1.0 μm					
		UNDER PLATING: NICKEL 1.0 μm		3	PHOSPHOR BRONZE	TIN-PLATING 3.0 μm	
1	POLYAMIDE	BLACK UL94V-0				UNDER PLATING: NICKEL 1.0 μm	

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE		
mm	2 : 1	△						
HRS	APPROVED	HS. OKAWA	12.06.15	DRAWING NO.	EDC3-341815-00			
	CHECKED	KI. HIROKAWA	12.06.15		PART NO.	FX30A-5P-3.81DSA20		
	DESIGNED	DK. AIMOTO	12.06.14			CODE NO.	CL570-2103-6-00	
	DRAWN	DK. AIMOTO	12.06.14				△ 1/2	
HIROSE ELECTRIC CO., LTD.								

FORM HC0011-5-7

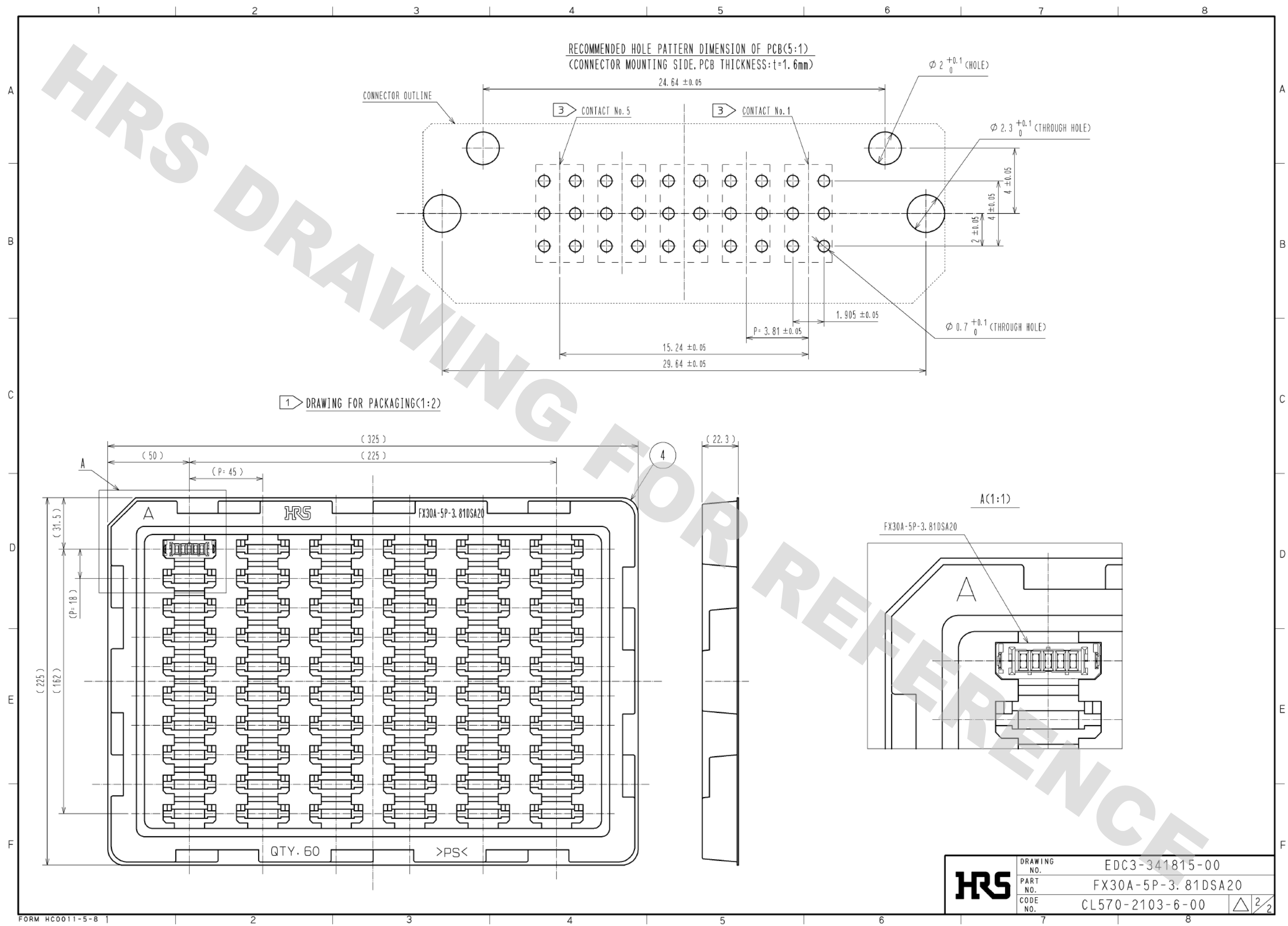
4 MISALIGNMENT ABSORBING STRUCTURE (FREE)

X-DIRECTION : $\pm 0.3\text{mm}$
Y-DIRECTION : $\pm 0.3\text{mm}$

2	COPPER ALLOY	CONTACT AREA:GOLD-PLATING 0.1 μm		4	POLYSTYRENE		
		LEAD AREA:TIN-PLATING 1.0 μm					
1	POLYAMIDE	UNDER PLATING:NICKEL 1.0 μm		3	PHOSPHOR BRONZE	TIN-PLATING 3.0 μm	
		BLACK UL94V-0				UNDER PLATING:NICKEL 1.0 μm	
NO.	MATERIAL	FINISH . REMARKS		NO.	MATERIAL	FINISH . REMARKS	

UNITS mm		SCALE 2 : 1		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
HIROSE ELECTRIC CO., LTD.		APPROVED : HS. OKAWA	12.06.15	DRAWING NO.	EDC3-341815-00				
		CHECKED : KI. HIROKAWA	12.06.15	PART NO.	FX30A-5P-3.81DSA20				
		DESIGNED : DK. AIMOTO	12.06.14	CODE NO.	CL570-2103-6-00				
		DRAWN : DK. AIMOTO	12.06.14						
									1/2

DRAWING FOR REFERENCE: This is subject to change without notice
05/31/2013



HRS	DRAWING NO.	EDC3-341815-00
	PART NO.	FX30A-5P-3.81DSA20
	CODE NO.	CL570-2103-6-00
		$\triangle$ 2/2