

1 2 3 4 5 6 7 8

A

B

C

D

E

F

0.25 ± 0.15

5.55 ± 0.2

4.8 ± 0.2

2.1 ± 0.2

1.5 ± 0.1

No. 1

27.85 ± 0.3

21 ± 0.2

15 ± 0.15

No. 31

P=0.5 ± 0.1

3

0.18 ± 0.05

1.5 ± 0.1

POLARIZATION MARK

P=4 ± 0.1

12 ± 0.2

0.5 ± 0.1

PRODUCT LOT

2

25.46 ± 0.3

15 ± 0.15

P=0.5 ± 0.1

4.4 ± 0.3

(1.05)

(1.05)

(0.6)

(5.8)

CONTACT: (0.5)

SHELL: (0.7)

RECOMMENDED LAND PATTERN DIMENSION (4:1)

No. 1

21 ± 0.05

15 ± 0.05

No. 31

P=0.5 ± 0.03

31-0.25 ± 0.03 (LAND PATTERN)

31-0.22 ± 0.03 (METAL MASK)

2.5 ± 0.05

5.1 ± 0.05

3.5 ± 0.05

1.55 ± 0.05

4-1.3 ± 0.05

P=4 ± 0.05

12 ± 0.05

24.75 ± 0.05

2.05 ± 0.05

2.5 ± 0.05

2

PATTERN PROHIBITION AREA

NOTE

1 LEAD CO-PLANARITY OF THIS PRODUCT TO BE 0.1MAX.

2  AREA OF INNER SMT LAND REQUIRES PATTERN PROHIBITION OR RESIST TREATMENT TO PREVENT THE PATTERN TOUCHING TO THE CONTACTS.

3 () INDICATES A REFERENCE DIMENSION.

4 MANUFACTURING PROCESS COULD LEAVE SCRATCH AND/OR PUNCH MARKS HAVING NO AFFECT ON THE PRODUCT PERFORMANCE.

5 PACKAGING FOR THIS PRODUCT APPLIES EMBOSSED CARRIER TAPE PACKAGING. SEE SHEET 2/2 FOR DETAILS.

NO.	MATERIAL	FINISH	REMARKS	NO.	MATERIAL	FINISH	REMARKS
2	PHOSPHOR BRONZE	OVER PLATING:TIN PLATING 1μm min		5	PE		(COVER TAPE)
		UNDER PLATING:NICKEL 0.2μm min		4	PS		(EMBOSSED CARRIER TAPE)
1	LCP	BLACK	UL94V-0	3	PHOSPHOR BRONZE		CONTACT AREA:GOLD 0.1μm min
							LEAD AREA:GOLD 0.03μm min
							UNDER PLATING:NICKEL 1μm min

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	5 : 1	1	DIS-F-002932	KN. SHIBUYA	HT. YAMAGUCHI	08.03.27



HIROSE
ELECTRIC
CO., LTD.

APPROVED : HS. OKAWA

CHECKED : HT. YAMAGUCHI

DESIGNED : KN. SHIBUYA

DRAWN : KN. SHIBUYA

08.01.24

08.01.24

08.01.24

08.01.24

DRAWING NO.

PART NO.

CODE NO.

EDC3-157340-00

FX16-31S-0.5SH

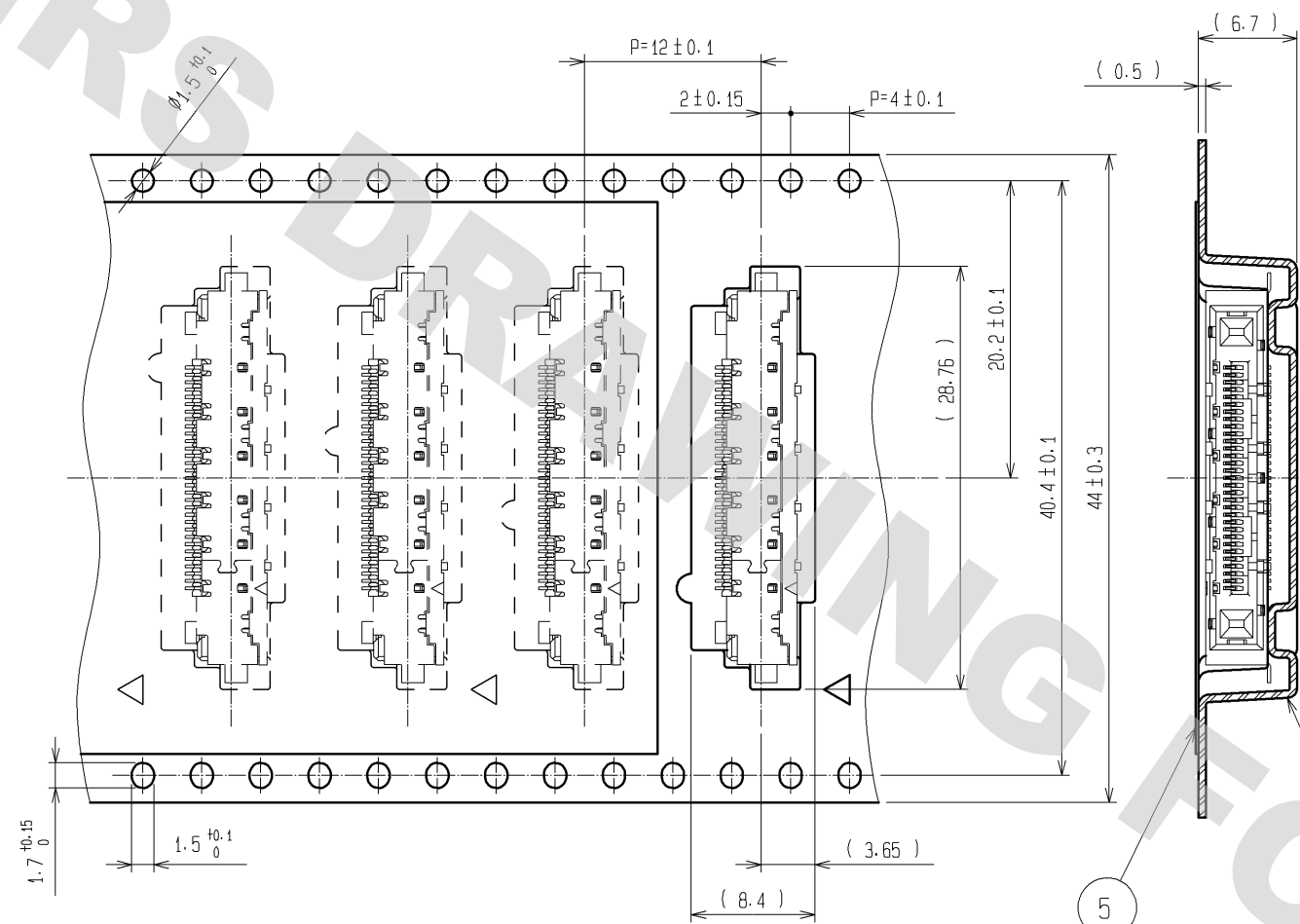
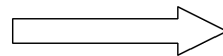
CL575-3412-8-00

1

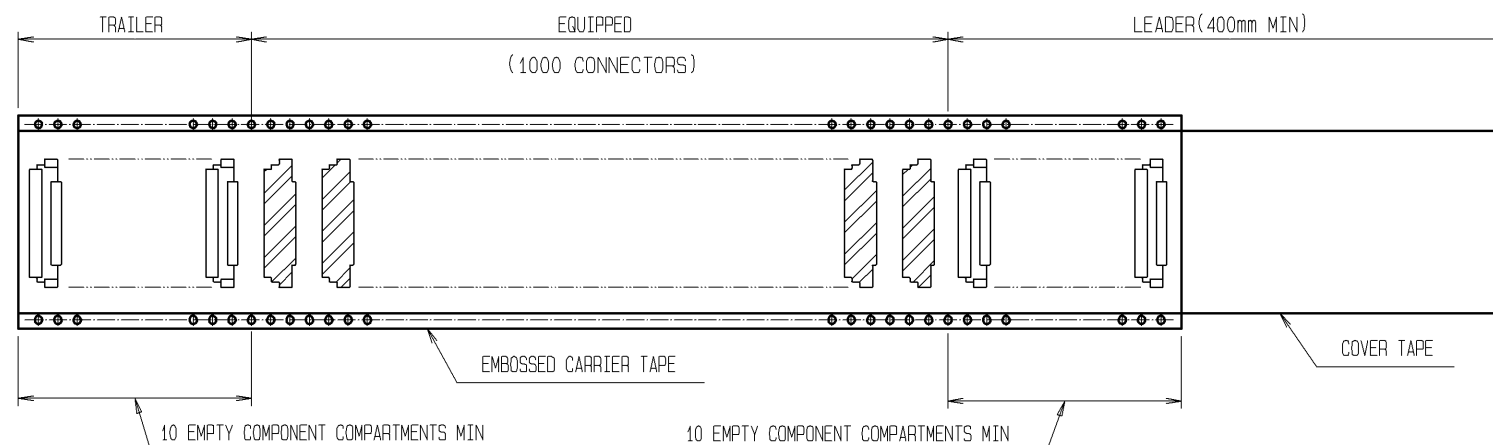
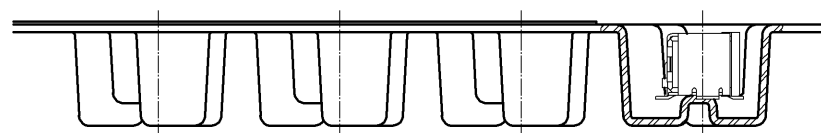
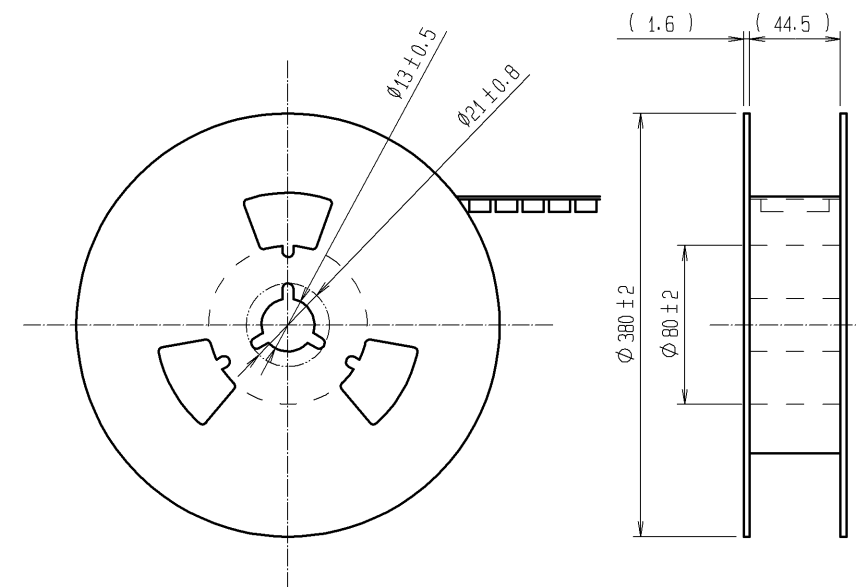
2

DRAWING FOR PACKING(2:1)

THE DIRECTION OF PULLING OUT



REELED DIMENSION (FREE)



HRS

DRAWING NO.	EDC3-157340-00
PART NO.	FX16-31S-0.5SH
CODE NO.	CL575-3412-8-00

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