

1 2 3 4 5 6 7 8

A

B

C

D

E

F

27.85 ± 0.3

21 ± 0.2

15 ± 0.15

No. 1

No. 31

3

0.18 ± 0.05

1.5 ± 0.1

P=0.5 ± 0.1

5.55 ± 0.2

4.8 ± 0.2

2.1 ± 0.2

1.5 ± 0.1

0.25 ± 0.15

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

No. 31

21 ± 0.05

15 ± 0.05

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 UNDER PLATING:NICKEL 0.2μm min	5	PE	(COVER TAPE)
1	LCP	BLACK, UL94V-0	4	PS	(EMBOSSD CARRIER TAPE)
			3	PHOSPHOR BRONZE	CONTACT AREA:GOLD 0.1μm min LEAD AREA:GOLD 0.03μm min UNDER PLATING:NICKEL 1μm min

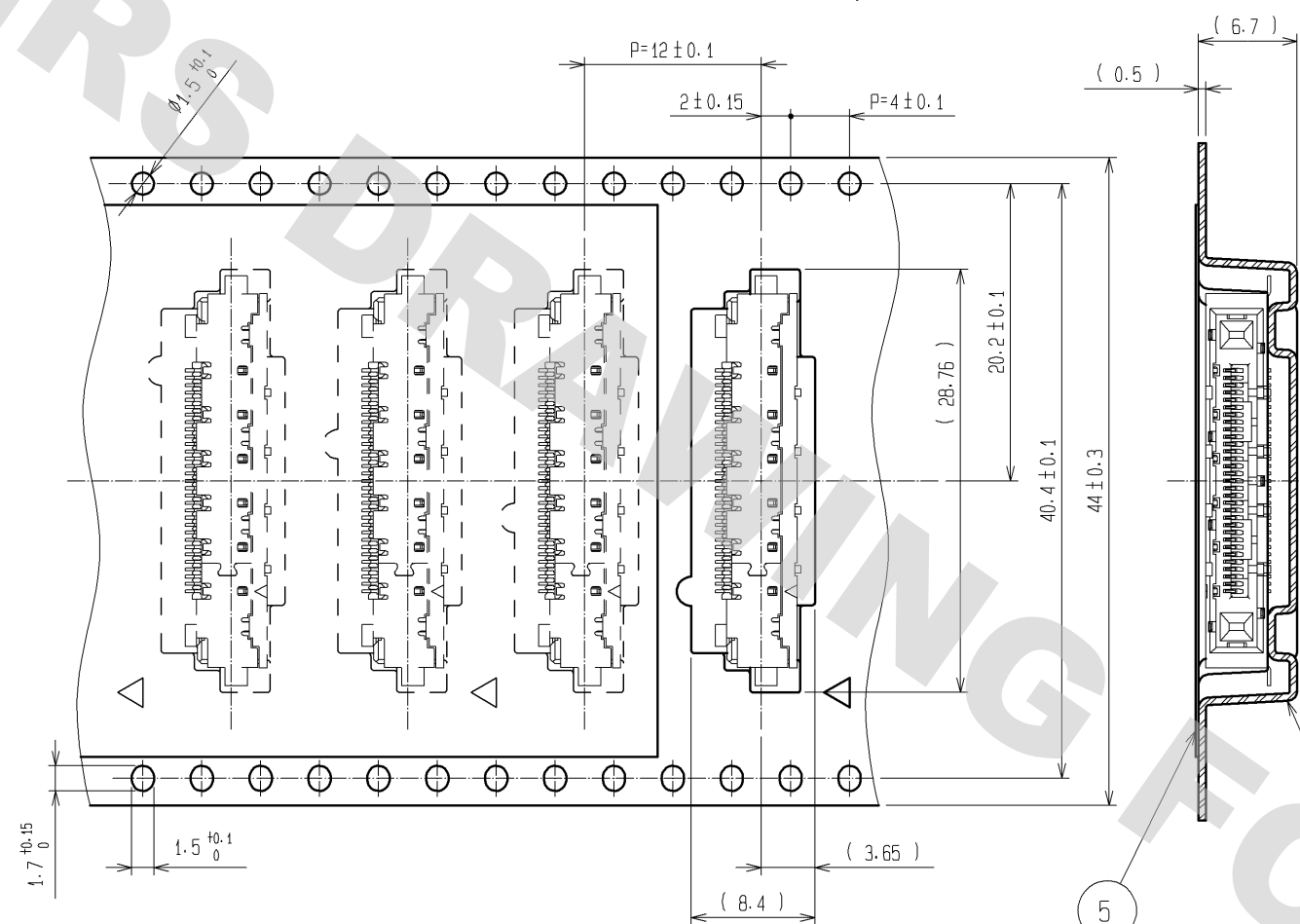
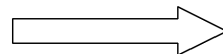
UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	5 : 1					
 HIROSE ELECTRIC CO., LTD.	APPROVED	: HS. OKAWA	11.09.15	DRAWING NO. EDC3-157340-02		
	CHECKED	: HT. YAMAGUCHI	11.09.15	PART NO. FX16-31S-0.5SH(30)		
	DESIGNED	: TS. MIYAKI	11.09.15	CODE NO. CL575-3412-8-30		
	DRAWN	: TS. MIYAKI	11.09.15			

FORM HC00111-5-7

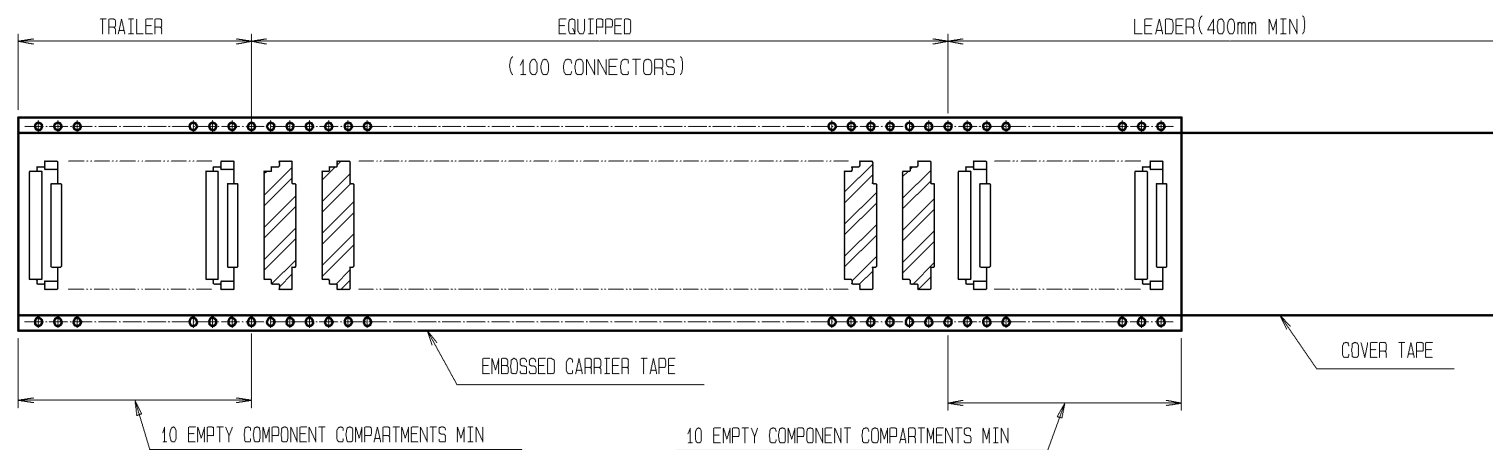
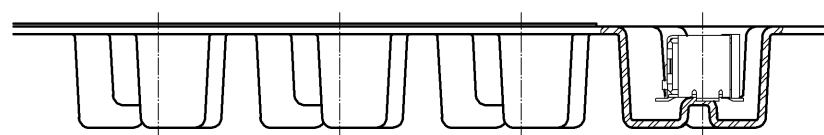
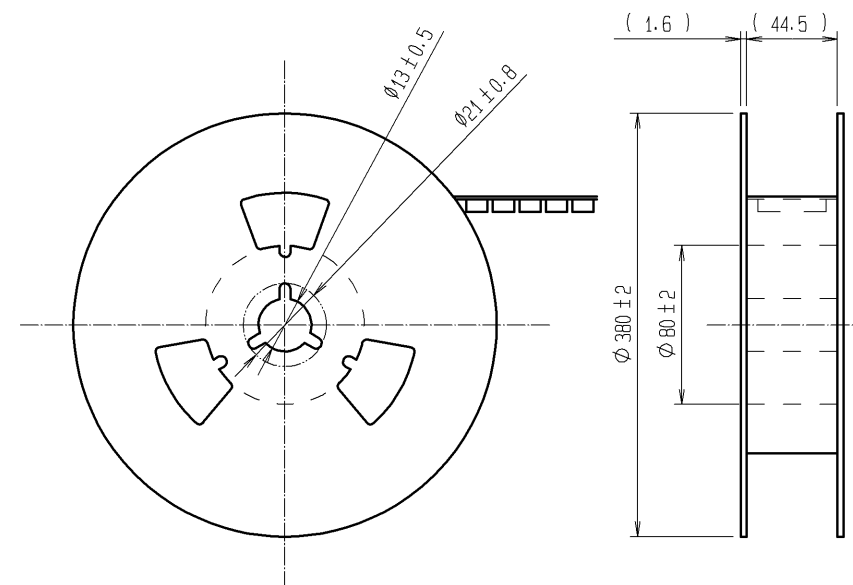
1 2 3 4 5 6 7 8

DRAWING FOR PACKING(2:1)

THE DIRECTION OF PULLING OUT



REELED DIMENSION (FREE)



DRAWING NO.	EDC3-157340-02
PART NO.	FX16-31S-0.5SH(30)
CODE NO.	CL575-3412-8-30

2/2

DRAWING FOR REFERENCE: This is subject to change without notice
08/11/2012