

RECOMMENDED PFC(FREE)

Technical drawing showing dimensions for a component, likely a connector or plug, with dimensions in millimeters (mm).

Top View Dimensions:

- Overall width: 26.3 ± 0.1
- Overall height: 2.2 ± 0.1
- Distance from top edge to center of pin array: 1.3 ± 0.1
- Radius of fillet: $R0.2$
- Pin pitch (center-to-center): 0.3 ± 0.02
- Pin width: 0.6 ± 0.02
- Distance from center of pin array to right edge: 0.3 ± 0.02
- Distance from center of pin array to right edge (alternative): 0.6 ± 0.02
- Distance from center of pin array to right edge (alternative): 23.7 ± 0.03
- Distance from center of pin array to right edge (alternative): 24.3 ± 0.05
- Distance from center of pin array to right edge (alternative): 24.8 ± 0.1
- Distance from center of pin array to right edge (alternative): 25.3 MIN
- Distance from center of pin array to right edge (alternative): 26.3 ± 0.1

Side View Dimensions:

- Overall height: 4.2 ± 0.3
- Distance from top edge to center of pin array: 1.4 ± 0.1
- Distance from center of pin array to bottom edge: 2.65 ± 0.2
- Distance from center of pin array to bottom edge (alternative): 3.2 ± 0.3

Detail View Dimensions:

- Pin pitch (center-to-center): 0.3 ± 0.02
- Pin width: 0.6 ± 0.02
- Distance from center of pin array to right edge: 0.3 ± 0.02
- Distance from center of pin array to right edge (alternative): 0.6 ± 0.02
- Distance from center of pin array to right edge (alternative): 23.7 ± 0.03
- Distance from center of pin array to right edge (alternative): 24.3 ± 0.05
- Distance from center of pin array to right edge (alternative): 24.8 ± 0.1
- Distance from center of pin array to right edge (alternative): 25.3 MIN
- Distance from center of pin array to right edge (alternative): 26.3 ± 0.1

Other Dimensions:

- Distance from top edge to center of pin array: 1.3 ± 0.1
- Distance from center of pin array to right edge: 0.3 ± 0.02
- Distance from center of pin array to right edge (alternative): 0.6 ± 0.02
- Distance from center of pin array to right edge (alternative): 23.7 ± 0.03
- Distance from center of pin array to right edge (alternative): 24.3 ± 0.05
- Distance from center of pin array to right edge (alternative): 24.8 ± 0.1
- Distance from center of pin array to right edge (alternative): 25.3 MIN
- Distance from center of pin array to right edge (alternative): 26.3 ± 0.1

注

- 1) MEASUREMENT FROM REFERENCE C
- 2) LEAD CO-PLANARITY SHALL BE 0.1MAX.
- 3) STIFFENER MATERIAL: POLYIMIDE,
HEAT CURED ADHESIVE.
POLYIMIDE THICKNESS OF STIFFENER
SINGLE-SIDED FPC: 0.15mm(6mil) MIN
DOUBLE-SIDED FPC: 0.125mm(5mil) MIN
- 4) CONDUCTOR WIDTH SHALL BE 0.1 ± 0.05
IF FPC HAS PLATING BARS.
- 5) CROSS SECTION A-A IS FOR EVEN-NUMBER
PINS, AND CROSS SECTION B-B IS FOR
ODD-NUMBER PINS.

RECOMMENDED LAND PATTERN, METAL MASK (FREE)

23.7 ± 0.05

0.3 ± 0.05

23.4 ± 0.05

0.6 ± 0.05

No80 PIN SIDE

0.3 ± 0.03 (LAND PATTERN)

0.25 ± 0.03 (METAL MASK)

3.95 ± 0.1

1.7 ± 0.1

No1 PIN SIDE

(▽ MARK SIDE)

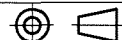
0.6 ± 0.05

0.3 ± 0.03 (LAND PATTERN)

0.25 ± 0.03 (METAL MASK)

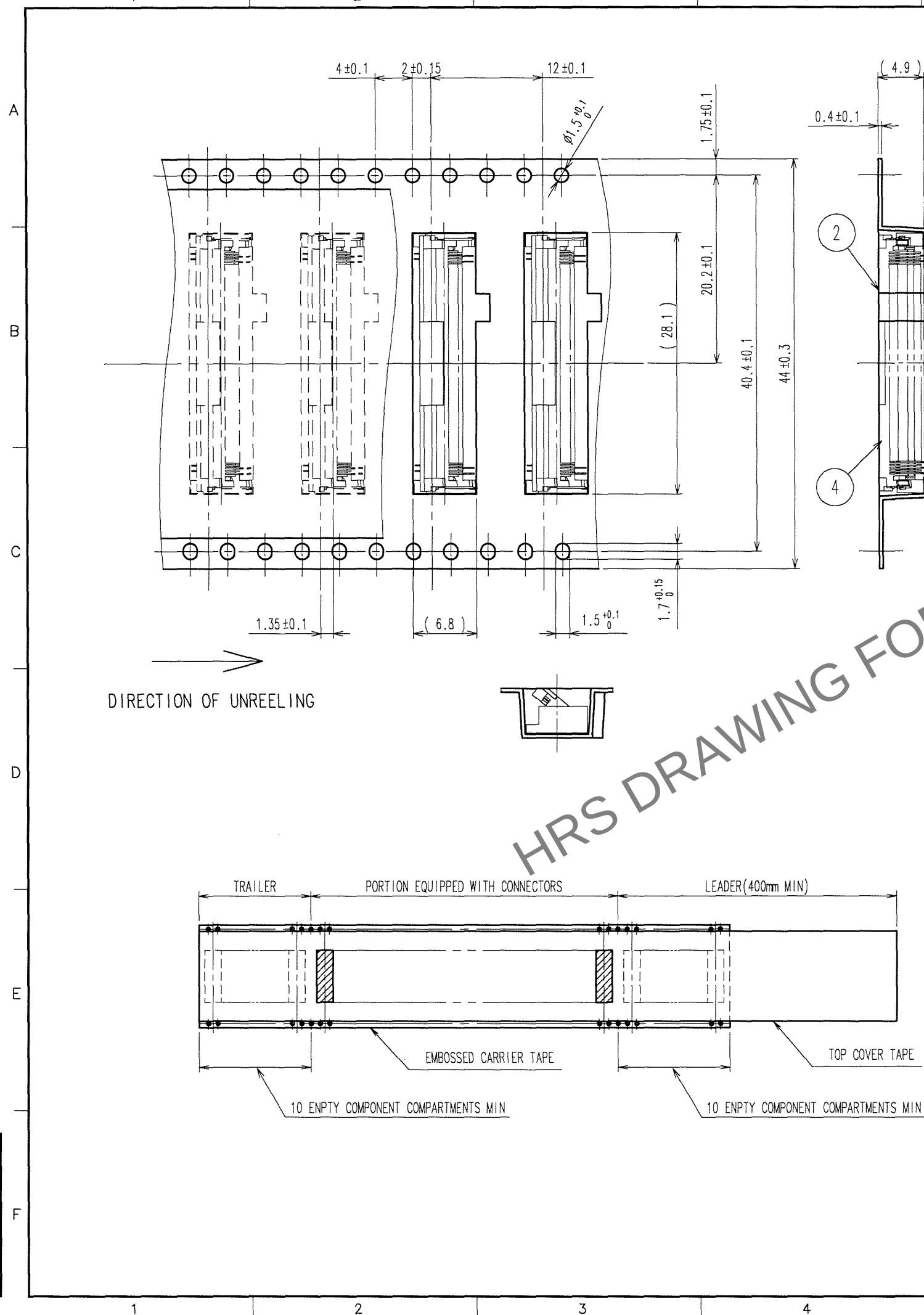
23.4 ± 0.05

*RECOMMENDED METAL MASK THICKNESS : $t=0.15$

2	LCP	(BLACK)	UL94V-0	4	PHOSPHOR BRONZE	GOLD FLASH OVER NICKEL 1μm MIN							
1	LCP	(GRAY)	UL94V-0	3	PHOSPHOR BRONZE	GOLD FLASH OVER NICKEL 1μm MIN							
NO.	MATERIAL		FINISH, REMARKS		NO.	MATERIAL		FINISH, REMARKS					
CODE NO. (OLD) CL?				DRAWN MK. YASUMI 06.04.25		DESIGNED Y. Elli 06.04.27		CHECKED T. Kuwata 06.04.27		APPROVED R. Takayasu 06.04.27		RELEASED . .	
 SCALE 5 : 1 UNITS mm		DRAWING NO. EDC3-154192-01				PART NO. FH30-80S-0.3SHW(05)							
		 HIROSE ELECTRIC CO., LTD				CODE NO. CL580-0100-4-05				1/2			

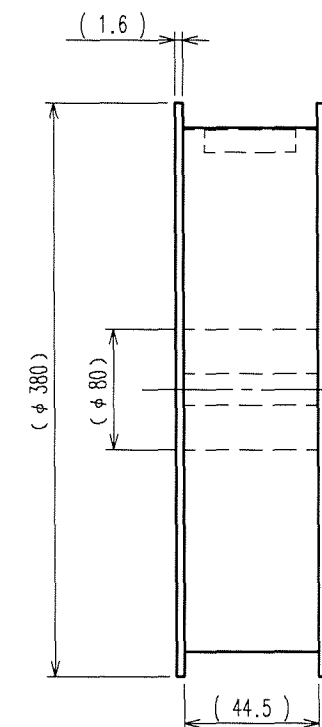
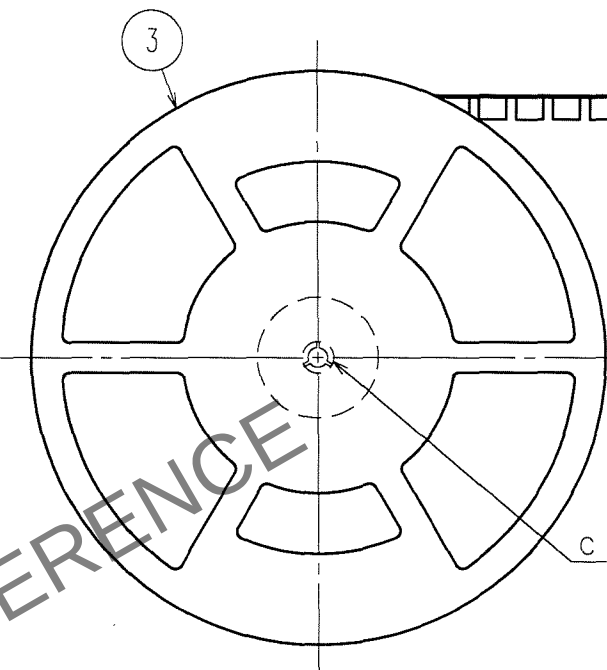
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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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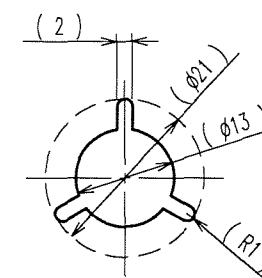


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE

REEL DIMENSION (FREE)



C (1:1)



- 注 1 PER REEL : 1000 CONNECTORS.
2 REFER TO JIS C 0806 (PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING.)

2	POLYESTER		4	(CONNECTOR)	
1	POLYSTYRENE		3	POLYSTYRENE	
NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS
CODE NO. (OLD) CL?		DRAWN MK.YASUMI 06.04.25	DESIGNED Y. Eli 06.04.27	CHECKED T. Kuwata 06.04.27	APPROVED R. Takayama 06.04.27
PACKAGING SPECIFICATION		RELEASED			
DRAWING NO. EDC3-154192-01		PART NO. FH30-80S-0.3SHW(05)			
SCALE 2 : 1		CODE NO. CL580-0100-4-05			
UNITS mm		2			

FORM NO. 229