

1 2 3 4 5 6 7 8

A

B

C

D

E

F

RECOMMENDED LAND PATTERN DIMENSION
(METAL MASK THICKNESS: t=0.12)

30.46 ± 0.3
20 ± 0.2
No. 1
P= 0.5 ± 0.1
3
41- 0.18 ± 0.05
No. 41
1.5 ± 0.1
P= 4 ± 0.1
20 ± 0.2
26 ± 0.2
6- 0.5 ± 0.1

26 ± 0.05
20 ± 0.05
No. 1
P= 0.5 ± 0.03
No. 41
2.5 ± 0.05
41- 0.25 ± 0.03 (LAND PATTERN)
41- 0.22 ± 0.03 (METAL MASK)
2
PATTERN PROHIBITION AREA
1.55 ± 0.05
3.5 ± 0.05
1.55 ± 0.05
P= 4 ± 0.05
20 ± 0.05
26 ± 0.05
6- 1.3 ± 0.05
2.5 ± 0.05

5.3 ± 0.3
1
2
4.7 ± 0.2
5.5 ± 0.3

PRODUCT LOT
POLARIZATION MARK

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
3	PHOSPHOR BRONZE	CONTACT AREA:GOLD 0.1μm min. LEAD AREA:GOLD 0.03μm min. UNDER PLATING:NICKEL 1μm min.	6	PI	TAPE FOR VACUUM PICK UP
1	PA	BLACK. UL94V-0	5	PE	COVER TAPE
			4	PS	EMBOSSED CARRIER TAPE
			2	BRASS	OVER PLATING : TIN PLATING 1μm min. UNDER PLATING : NICKEL 2μm min.

UNITS mm	SCALE 4 : 1	COUNT 2	DESCRIPTION OF REVISIONS DIS-F-005350	DESIGNED KN. SHIBUYA	CHECKED HT. YAMAGUCHI	DATE 11. 03. 08
HRS HIROSE ELECTRIC CO., LTD.	APPROVED : HS. OKAWA	10. 03. 09	DRAWING NO. EDC3-330389-00			
	CHECKED : HT. YAMAGUCHI	10. 03. 09	PART NO. FX16M2-41S-0. 5SV			
	DESIGNED : TP. MATSUMOTO	10. 03. 08	CODE NO. CL575-3002-6-00			
	DRAWN : TP. MATSUMOTO	10. 03. 08				

FORM HC0011-5-7 1 2 3 4 5 6 7 8

1/2

REELED DIMENSION (FREE)

Technical drawing of a wheel rim showing three views: side, front, and rear.

Side View (Left): Shows a cross-section of the rim. Dimensions include a width of (0.5) and a height of (7) .

Front View (Center): Shows the five-spoke design. Dimensions include $\varnothing 21 \pm 0.8$ for the spoke width and $\varnothing 13 \pm 0.2$ for the central hub diameter.

Rear View (Right): Shows a cross-section of the rim. Dimensions include a width of $43.9 \sim 47.4$, a height of 44.4^{+2}_0 , a maximum diameter of $\varnothing 100 \text{ max}$, and a width of (50.4) .

A circular callout with the number **4** is located at the bottom left.

Diagram illustrating the layout of a carrier tape, showing the following sections and components:

- TRAILER**: The initial section of the tape.
- EQUIPPED (1000 CONNECTORS)**: The main section containing 1000 connectors.
- LEADER (400mm MIN)**: The final section of the tape, with a minimum length of 400mm.
- Component Footprints**: The tape contains various component footprints, including empty compartments (10 EMPTY COMPONENT COMPARTMENTS MIN) and specific component types (e.g., 1000 CONNECTORS).
- EMBOSSED CARRIER TAPE**: The main body of the tape.
- COVER TAPE**: The protective layer on the top of the tape.



DRAWING NO.	EDC3-330389-00	
PART NO.	FX16M2-41S-0.5SV	
CODE NO.	CL575-3002-6-00	 2/2

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