

Technical drawing of a Hirose FX11B-60S/6-SV(71) connector, showing top, side, and cross-sectional views (A-A and B-B) with dimensions and material specifications.

Top View Dimensions:

- Overall width: 17.5 ± 0.2
- Pin pitch: 0.5 ± 0.05
- Pin width: 0.2 ± 0.05
- Pin height: 6.2 ± 0.3
- Pin spacing (center to center): 12 ± 0.2
- Pin spacing (edge to center): 6 ± 0.2
- Pin spacing (edge to edge): 2.1 ± 0.3
- Pin spacing (edge to center): 0.5 ± 0.03
- Pin spacing (center to center): 0.75 ± 0.03
- Pin spacing (center to center): 0.75 ± 0.03
- Pin spacing (center to center): 0.7 ± 0.03 (LAND PATTERN)
- Pin spacing (center to center): 0.6 ± 0.03 (METAL MASK)
- Pin spacing (center to center): 0.3 ± 0.03 (LAND PATTERN)
- Pin spacing (center to center): 0.25 ± 0.03 (METAL MASK)
- Pin spacing (center to center): 12 ± 0.05
- Pin spacing (center to center): 25.4 ± 0.1
- Pin spacing (center to center): 22.2 ± 0.1
- Pin spacing (center to center): 17.5 ± 0.05
- Pin spacing (center to center): 0.5 ± 0.03
- Pin spacing (center to center): 0.75 ± 0.03
- Pin spacing (center to center): 0.75 ± 0.03
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- Pin spacing (center to center): 0.75 ± 0.03
- Pin spacing (center to center): 0.7 ± 0.03 (LAND PATTERN)
- Pin spacing (center to center): 0.6 ± 0.03 (METAL MASK)
- Pin spacing (center to center): 0.3 ± 0.03 (LAND PATTERN)
- Pin spacing (center to center): 0.25 ± 0.03 (METAL MASK)
- Pin spacing (center to center): 12 ± 0.05

Side View Dimensions:

- Overall height: 6 ± 0.2
- Pin height: 0.3 ± 0.25
- Pin height: 0.7 ± 0.25

Cross-sectional Views (A-A and B-B):

- A-A (10:1) shows the internal structure of the connector, including the pin and the housing.
- B-B (10:1) shows the internal structure of the connector, including the pin and the housing.

RECOMMENDED LAND PATTERN DIMENSION OF PCB
(RECOMMENDED METAL MASK THICKNESS: 0.15mm)

NOTES:

- ① 6 HATCHED PARTS: GROUND CIRCUIT.
- ② 2 HATCHED PARTS: GROUND CIRCUIT.
- ③ SMT LEAD-COPLANARITY: 0.1 MAX.
- ④ THIS PRODUCT HAS NO POLARITY TO PATTERN FOR MOUNTING.
- ⑤ MAKE SURE WIDTH OF PATTERN IS WITHIN THAT OF LAND, OR LEAD MAY TOUCH PATTERN. (THIS APPLIES TO HATCHED AREA.)
- ⑥ THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.

Material Specifications:

NO.	MATERIAL	FINISH	REMARKS
3, 4	PHOSPHOR BRONZE	TIN PLATING	
1	LCP	BEIGE	UL94V-0

Assembly and Drawing Information:

NO.	MATERIAL	FINISH	REMARKS
2	PHOSPHOR BRONZE		

Design and Drawing Information:

APPROVED	DESIGNED	CHECKED	DRAWN	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
HS. OKAWA	TS. MIYAKI	HT. YAMAGUCHI	TS. MIYAKI	5 : 1					

Drawing Information:

DRAWING NO.	PART NO.	CODE NO.
EDC3-152636-25	FX11B-60S/6-SV(71)	CL573-0712-2-71

Units: mm

Scale: 5 : 1

Count: 1

Description of Revisions:

Designed:

Checked:

Date:

Approved: HS. OKAWA

Checked: HT. YAMAGUCHI

Designed: TS. MIYAKI

Drawn: TS. MIYAKI

Scale: 5 : 1

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