

Technical drawing of a Hirose Electric connector, showing top, side, and recommended PC board hole pattern views.

Top View Dimensions:

- Overall length: 60.85 ± 0.3
- Length of main body: 49.53 ± 0.2
- Length of terminal block: 1.27 ± 0.15
- Width of main body: 7 ± 0.3
- Width of terminal block: 5.4 ± 0.4
- Length of mounting tab: $55.73^{+0.1}_{-0.2}$

Side View Dimensions:

- Overall height: 11.5 ± 0.3
- Height of main body: (2.4)
- Height of terminal block: (5.5)
- Height of mounting tab: 3.3 ± 0.3
- Terminal thickness: $t0.3 \pm 0.08 \times w0.5 \pm 0.1$

Recommended PC Board Hole Pattern (Mounting Side) $t=1.6$

- Hole diameter: $80-\phi 0.8^{+0.1}_0$
- Pitch: $P=1.27 \pm 0.05$
- Length of hole pattern: 49.53 ± 0.1
- Width of hole pattern: 1.905 ± 0.05
- Polarization mark location: 1.905 ± 0.05

Notes:

- LOT NO. MARKING SIDE SHALL BE OPTIONAL.
- THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.

Table 1: Material and Finish

NO.	MATERIAL	FINISH	REMARKS
1, 2, 4	POLYAMIDE	BLACK	UL94V-0
3	PHOSPHOR BRONZE		

Table 2: Contact Area and Plating

CONTACT AREA	DIP AREA	UNDER PLATING
GOLD $0.2 \mu\text{m}$ min.	TIN-PLATING $2 \mu\text{m}$ min.	NICKEL $2 \mu\text{m}$ min.

Table 3: Revisions

NO.	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
1				

Table 4: Drawing Information

APPROVED	CHECKED	DESIGNED	DRAWN	DATE
HS. OKAWA	HS. OZAWA	KY. NAKAMURA	TP. MATSUMOTO	07.08.10

Table 5: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 6: Units and Scale

UNITS	SCALE
mm	2 : 1

Table 7: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 8: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 9: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 10: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 11: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 12: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 13: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 14: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 15: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 16: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 17: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 18: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 19: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 20: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 21: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 22: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 23: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 24: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 25: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 26: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 27: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
EDC3-083217-21	FX2C2-80S-1.27DSA(71)	CL572-2427-0-71

Table 28: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
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Table 29: Drawing No. and Part No.

DRAWING NO.	PART NO.	CODE NO.
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Table 30:

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Hirose Electric:](#)

[FX2C2-80S-1.27DSA\(71\)](#)