

1 2 3 4 5 6 7 8

A-A (4:1) B-B (4:1)

CONTACT No. 61 59.9 ± 0.2 CONTACT No. 120 7.8 ± 0.2 CONTACT No. 1 CONTACT No. 60

56.95 ± 0.15 3.55 ± 0.15 18.65 ± 0.3 0.25 ± 0.03 0.25 ± 0.03 50.4 ± 0.25 56.65 ± 0.25 1.35 +0.15 -0.3

4.9 ± 0.2 2 ± 0.2 1.2 ± 0.15 2 ± 0.2 1.2 ± 0.15 4.9 ± 0.2 P = 0.8 ± 0.15 t = 0.2 ± 0.03 × w 0.35 ± 0.1 47.2 ± 0.2

CROSS SECTION OF MATING(FREE) STACKING HEIGHT=30mm FX18-120S-0.8SV20

CROSS SECTION OF MATING(FREE) STACKING HEIGHT=25mm FX18-120S-0.8SV15

FX18-120P-0.8SV10

FX18-120P-0.8SV10

7 POLYIMIDE

6 POLYSTYRENE

5 COPPER ALLOY

4 COPPER ALLOY

3 PHOSPHOR BRONZE

2 POLYAMIDE

1 POLYAMIDE

CONTACT AREA:GOLD 0.1 μm

LEAD AREA:TIN-PLATING 1 μm

UNDER PLATING:NICKEL 1.3 μm

CONTACT AREA:GOLD 0.1 μm

LEAD AREA:TIN-PLATING 1 μm

UNDER PLATING:NICKEL 1.3 μm

NO. MATERIAL FINISH , REMARKS

UNITS mm

SCALE 2 : 1

COUNT 3

DESCRIPTION OF REVISIONS

DESIGNED TH. SANO

CHECKED KI. HIROKAWA

DATE 11.07.21

APPROVED :HS. OKAWA 11.03.17

CHECKED :KI. HIROKAWA 11.03.17

DESIGNED :TH. SANO 11.03.17

DRAWN :TH. SANO 11.03.17

DRAWING NO. EDC3-334385-00

PART NO. FX18-120P-0.8SV10

CODE NO. CL579-0025-0-00

1/2

NOTE 1 LEAD CO-PLANARITY IS 0.1mm MAX.

2 CONTACTS ARE 3 STEPS SEQUENTIAL. (MF CONTACT A=>SIGNAL CONTACT=>MF CONTACT B) WHEN USING THIS SEQUENTIAL STRUCTURE, PLEASE AVOID ANGLED INSERTION.

3 MF CONTACT A AND MF CONTACT B CAN BE USED AS POWER SUPPLY CONTACT. (3A/PIN MAX)

4 IT SHOWS THE VACUUM PICKUP AREA. (SEE PAGE 2) REMOVE THE MYLAR TAPE BEFORE MATING CONNECTORS.

5 THIS IS PACKAGED IN TRAY. (40pcs/TRAY)

6 BLEMISH AND HIT MARK CAN BE OCCURED THROUGH OUT THE MANUFACTURING PROCESS WHICH DOESN' T AFFECT QUALITY LEVEL.

7 THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCES.

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

