

M3T-DCT42B-450

Direct Dummy IC for 42-pin 0.8-mm-pitch SSOP

User's Manual

Keep safety first in your circuit designs!

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CAUTION

If the requirements shown in the "CAUTION" sentences are ignored, the equipment may cause personal injury or damage to the products.

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1. Outline

The M3T-DCT42B-450 is an accessory tool for connecting an emulator probe and the target. Its dimensions are the same as those of the 42-pin 0.8-mm-pitch SSOP (11.8 x 17.5 mm) IC package (42P2R-A).

2. Package Components (See Figure 1)

- (1) M3T-DCT42B-450 main unit x1
- (2) M3T-DCT42B-450 User's Manual (This manual)

3. Specifications

Table 1 Specifications

Applicable package	42P2R-A (42-pin 0.8-mm-pitch SSOP)
Insertion/removal iterations of connector	50 times guaranteed

4. Usage (See Figure 2)

The M3T-DCT42B-450 can be used for debugging by mounting it on the target system and connecting to an emulator. Before using the M3T-DCT42B-450, be sure to read "9. Precautions" on page 4.

5. Connection Procedure (See Figure 2)

- (1) Mount the M3T-DCT42B-450 on the target system.
- (2) Connect the emulator and the converter board.
- (3) Connect the M3T-DCT42B-450 and the converter board.

6. External Dimensions of the M3T-DCT42B-450

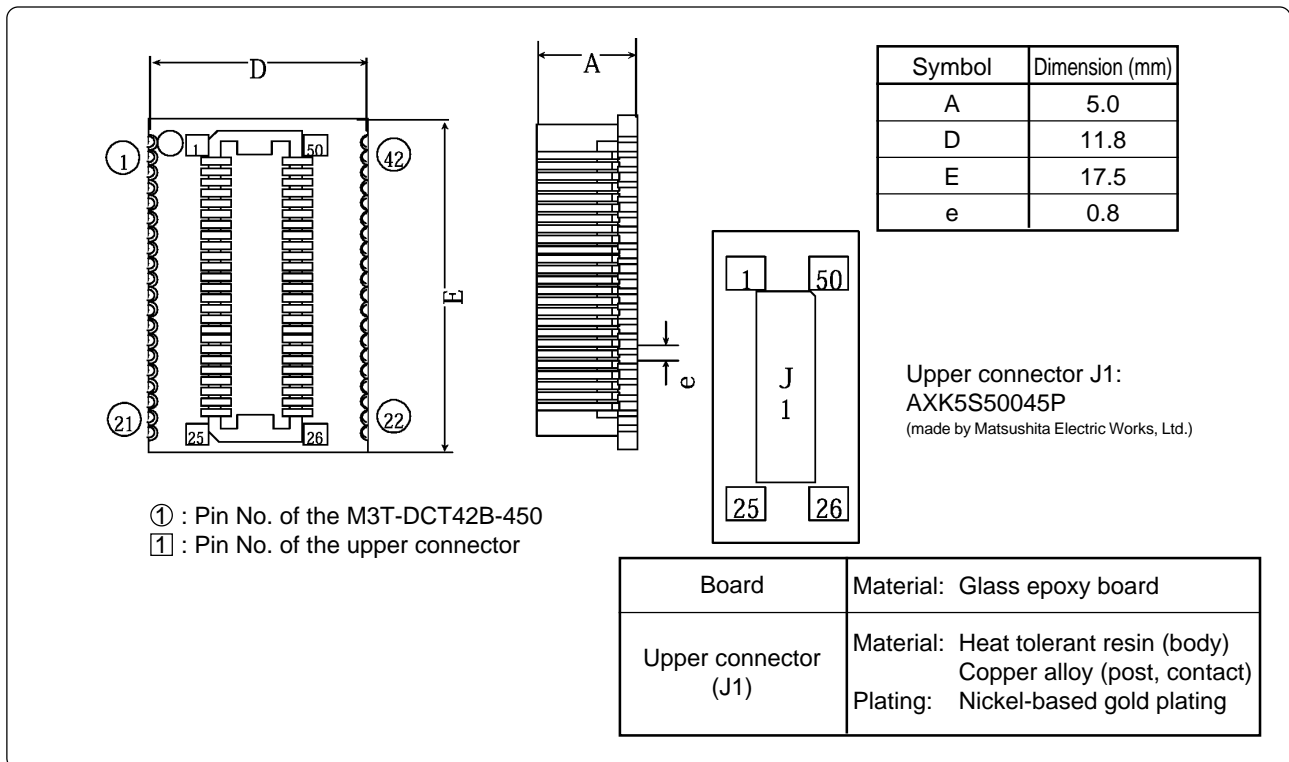


Figure 3 External dimensions of the M3T-DCT42B-450

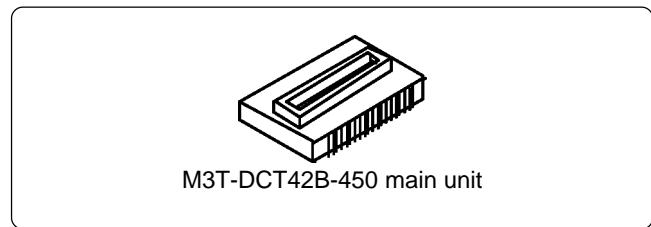


Figure 1 Package component

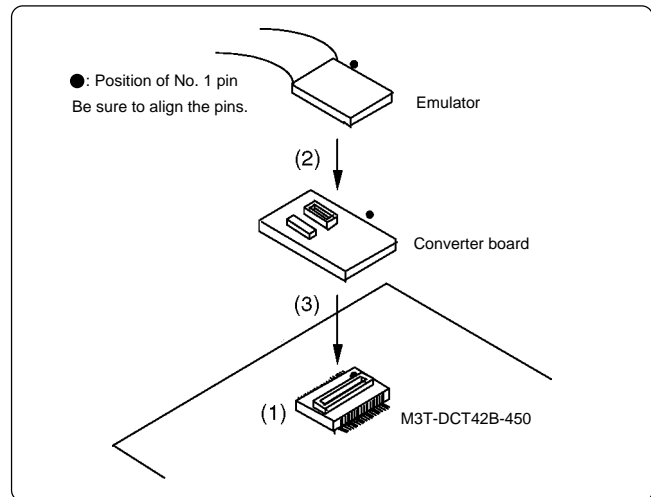


Figure 2 Usage

7. Target Foot Pattern

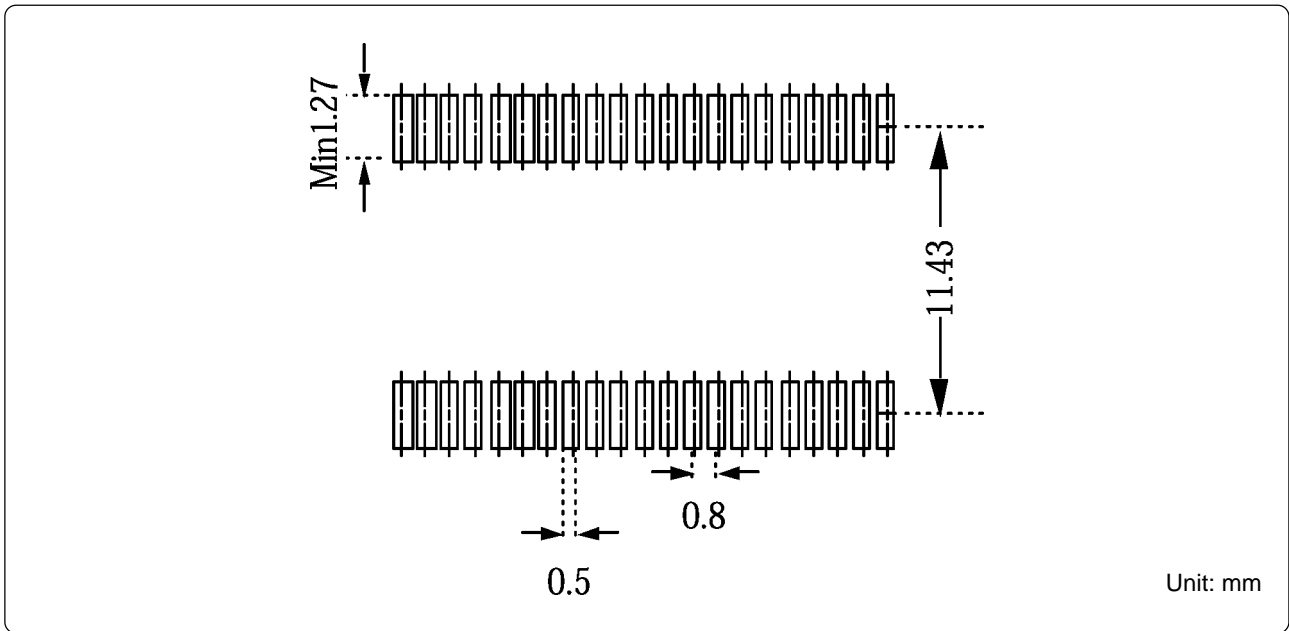


Figure 4 Target foot pattern

8. Recommended Procedure for Soldering the M3T-DCT42B-450

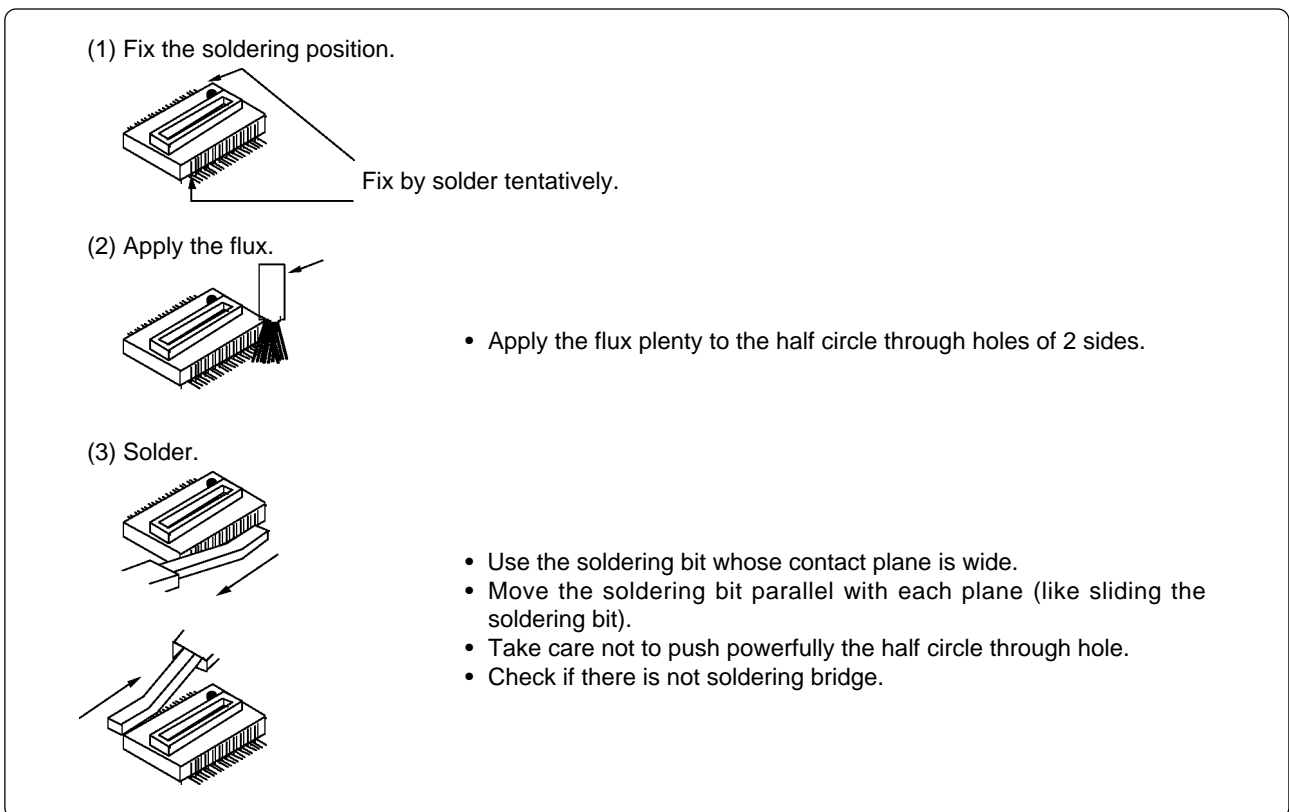


Figure 5 Recommended procedure for soldering the M3T-DCT42B-450

9. Precautions

CAUTION

Caution to Be Taken for This Product:



- Before mounting this product, be sure to check the pin positions of the M3T-DCT42B-450.

IMPORTANT

Notes on This Product:

- We cannot accept any request for repair.
- For inquiries about the product or the contents of this manual, contact your local distributor.

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10. Correspondence of Connector J1

Table 2 Correspondence of the connector

Connector pin No.	M3T-DCT42B-450 pin No.	Connector pin No.	M3T-DCT42B-450 pin No.
J1-1	NC	J1-26	NC
J1-2	NC	J1-27	NC
J1-3	1	J1-28	22
J1-4	2	J1-29	23
J1-5	3	J1-30	24
J1-6	4	J1-31	25
J1-7	5	J1-32	26
J1-8	6	J1-33	27
J1-9	7	J1-34	28
J1-10	8	J1-35	29
J1-11	9	J1-36	30
J1-12	10	J1-37	31
J1-13	11	J1-38	32
J1-14	12	J1-39	33
J1-15	13	J1-40	34
J1-16	14	J1-41	35
J1-17	15	J1-42	36
J1-18	16	J1-43	37
J1-19	17	J1-44	38
J1-20	18	J1-45	39
J1-21	19	J1-46	40
J1-22	20	J1-47	41
J1-23	21	J1-48	42
J1-24	NC	J1-49	NC
J1-25	NC	J1-50	NC

(NC: No connection)

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