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(12) **United States Design Patent**  
**Lord et al.**

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(45) **Date of Patent:** **\*\* Jun. 30, 2015**

(54) **VERTICAL ELECTRICAL CONNECTOR**

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(\*\*) Term: **14 Years**

(21) Appl. No.: **29/507,840**

(22) Filed: **Oct. 31, 2014**

**Related U.S. Application Data**

(63) Continuation of application No. 29/439,445, filed on Feb. 11, 2012, now Pat. No. Des. 718,249.

(51) **LOC (10) Cl.** ..... **13-03**

(52) **U.S. Cl.**  
USPC ..... **D13/147**

(58) **Field of Classification Search**  
USPC ..... D13/147, 154, 184, 199; 439/74, 108, 439/180, 246, 252, 278, 374, 378, 379, 381, 439/527, 529, 533, 660, 717, 865-894, 439/953; 174/16.3; 257/697, 727; 361/769  
See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a vertical electrical connector, as shown and described.

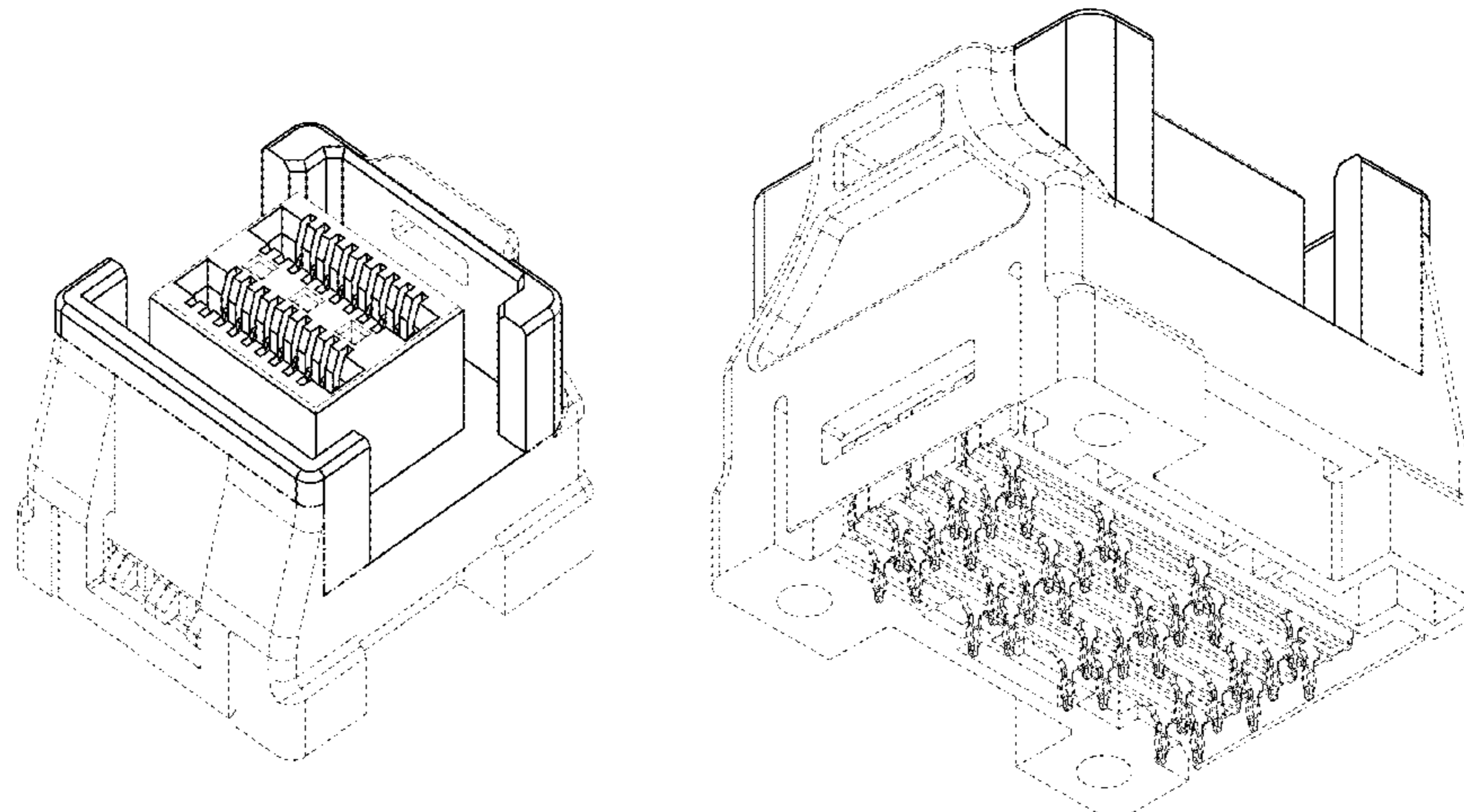
**DESCRIPTION**

FIG. 1 is a top, right, front perspective view of a vertical electrical connector showing our new design; FIG. 2 is another top, right, front perspective view of thereof; FIG. 3 is a bottom, left, front perspective view thereof; FIG. 4 is a top, right, rear perspective view thereof; FIG. 5 is a bottom, left, rear perspective view thereof; FIG. 6 is a right side elevation view thereof; FIG. 7 is a left side elevation view thereof; FIG. 8 is a front elevation view thereof; FIG. 9 is a rear elevation view thereof; FIG. 10 is a bottom plan view thereof; and, FIG. 11 is a top plan view thereof.

The even-broken line in the figure drawings is included to show unclaimed environment and forms no part of the claimed design. The dash-dot broken line represents the boundary of the claimed design.

In a preferred embodiment, the nature of this product is an electrical component that can take the form of a vertical electrical connector and a connector housing therefor.

**1 Claim, 6 Drawing Sheets**



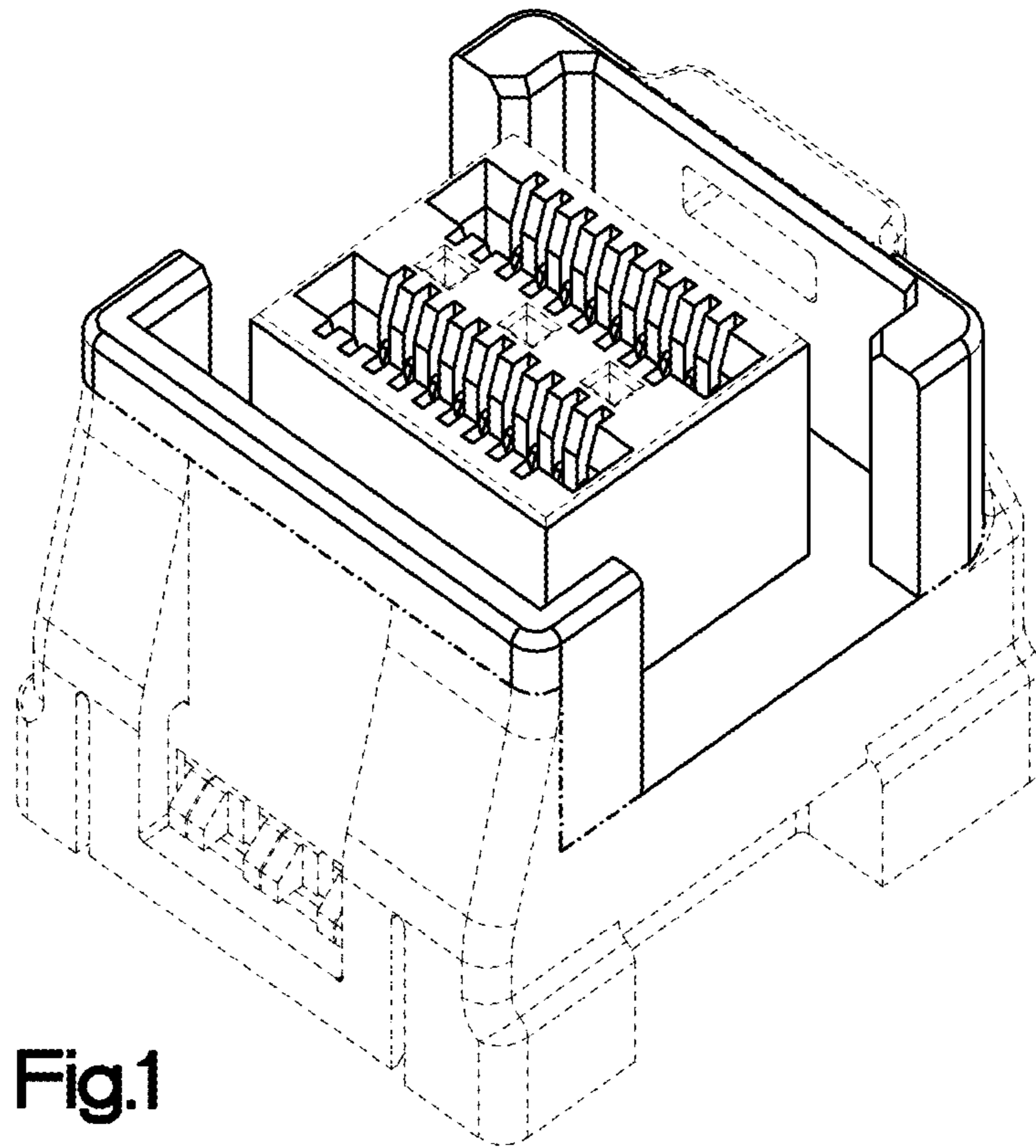


Fig.1

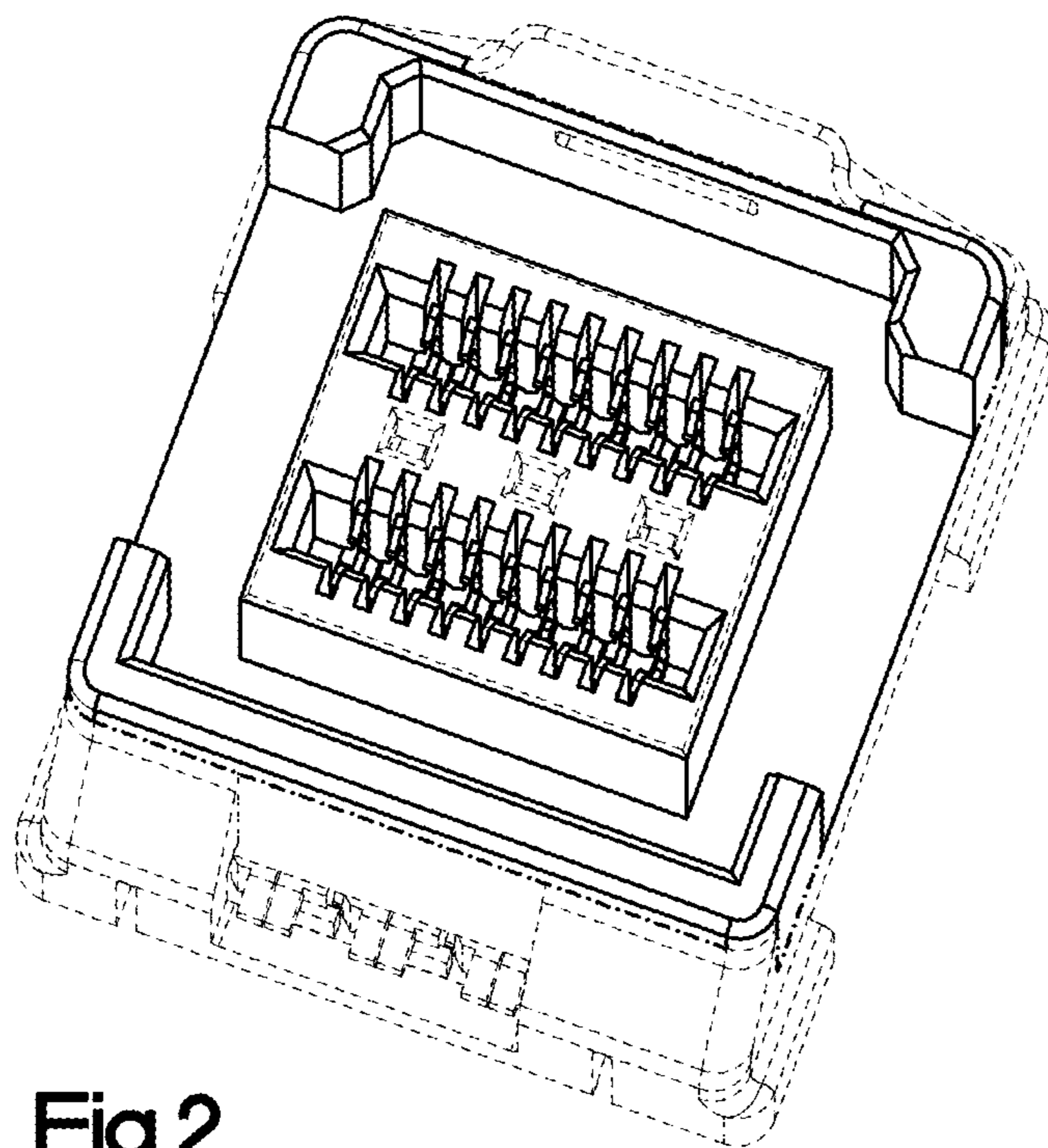


Fig.2



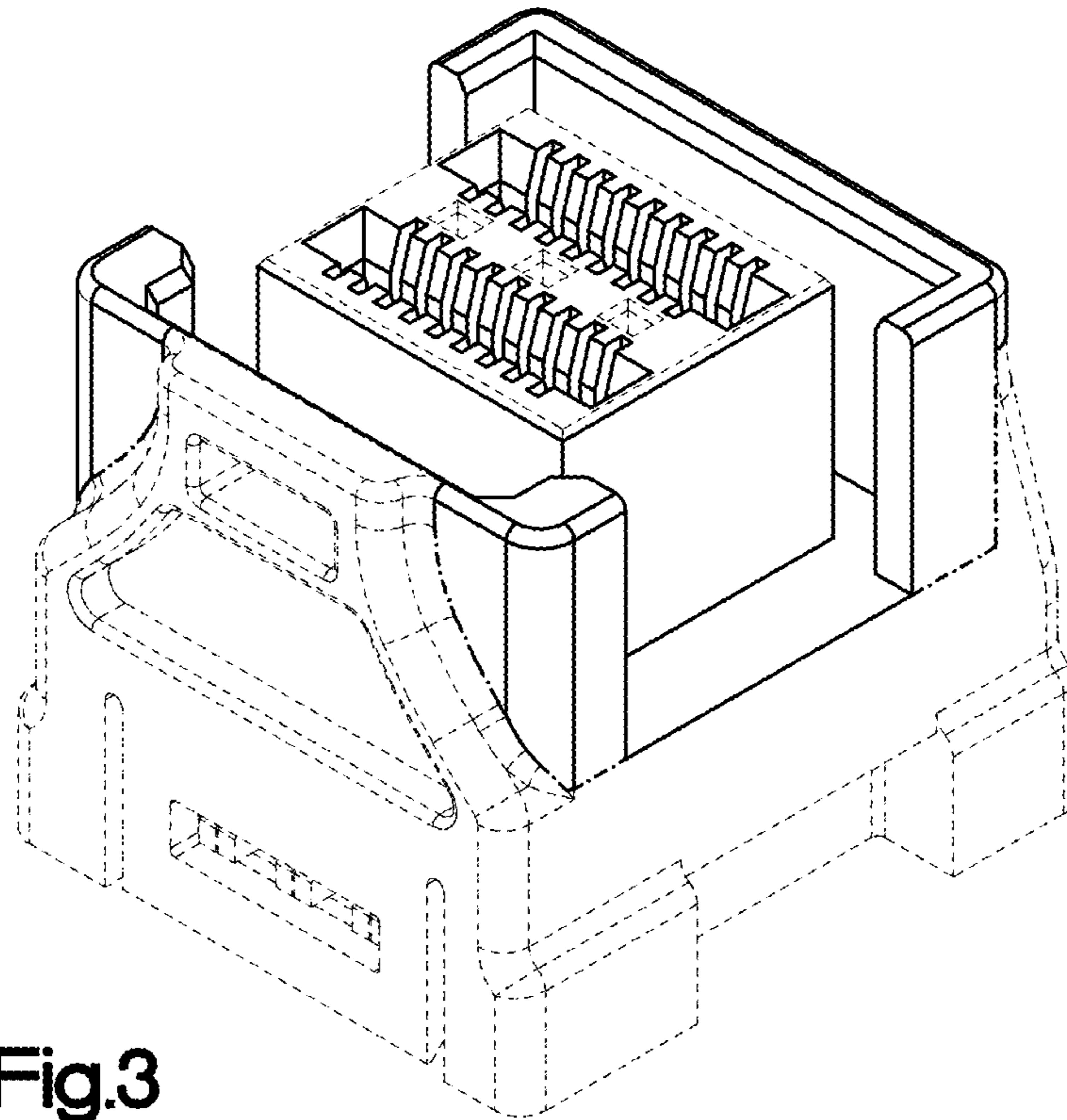


Fig.3

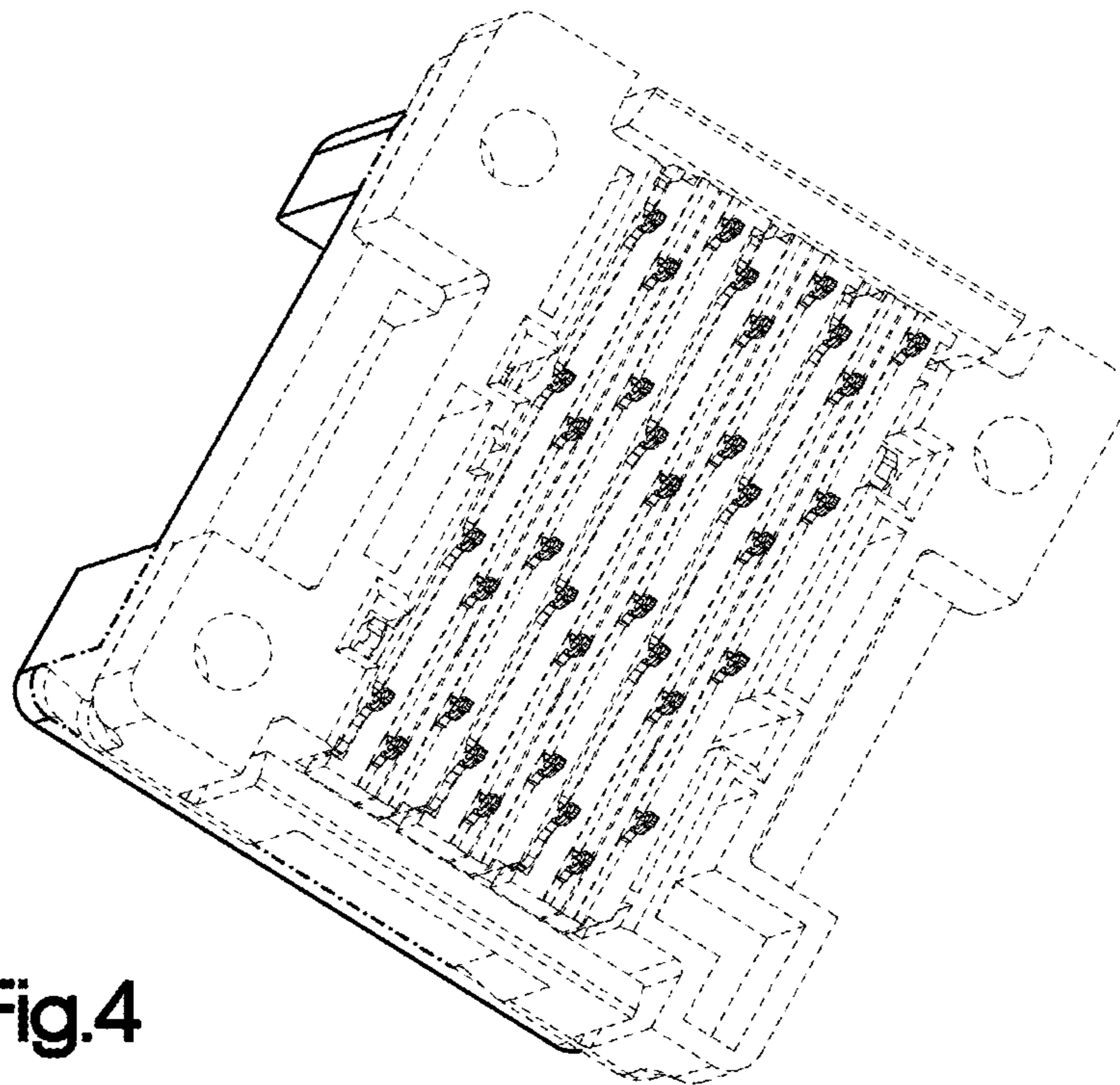


Fig.4

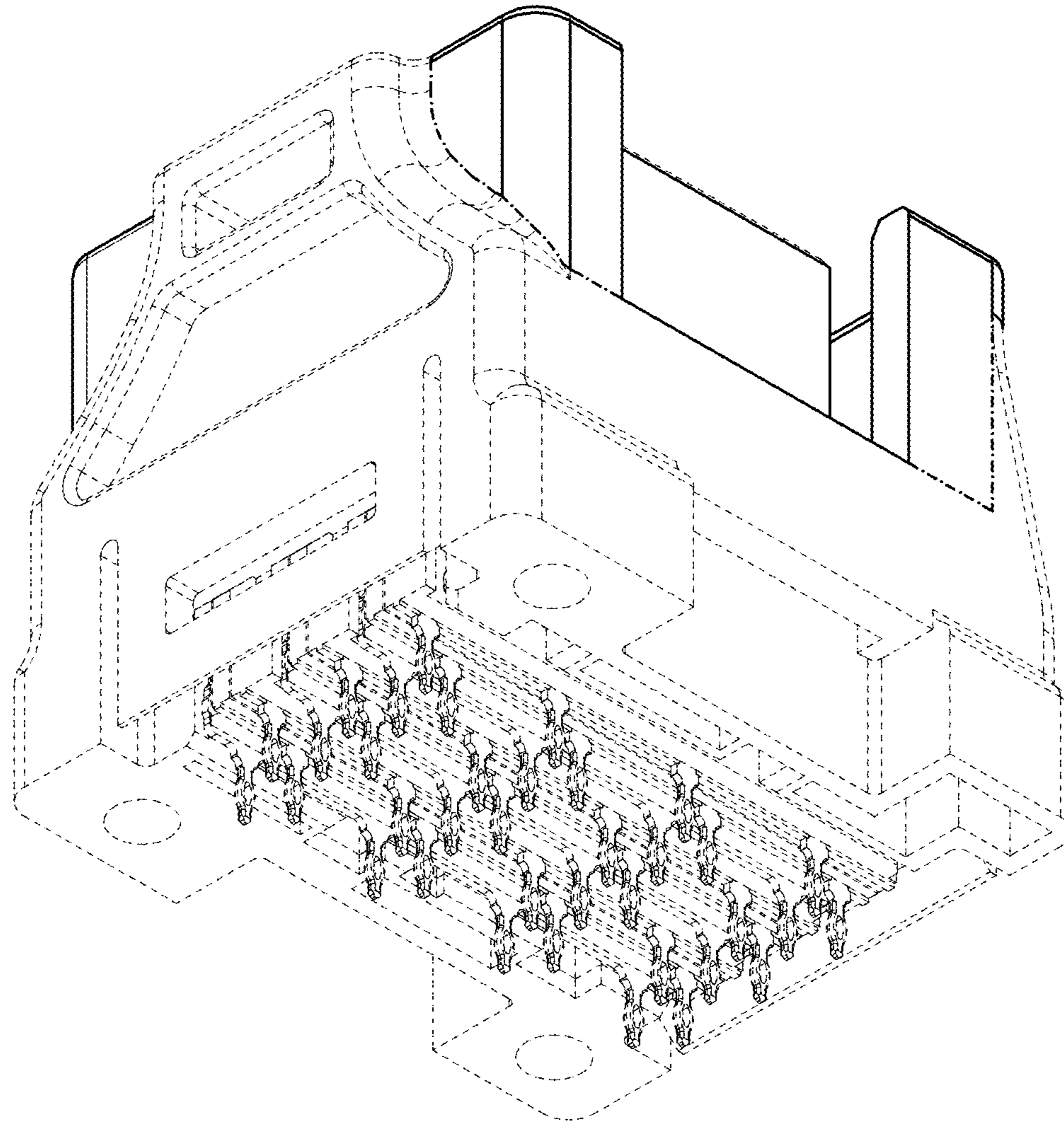


Fig.5

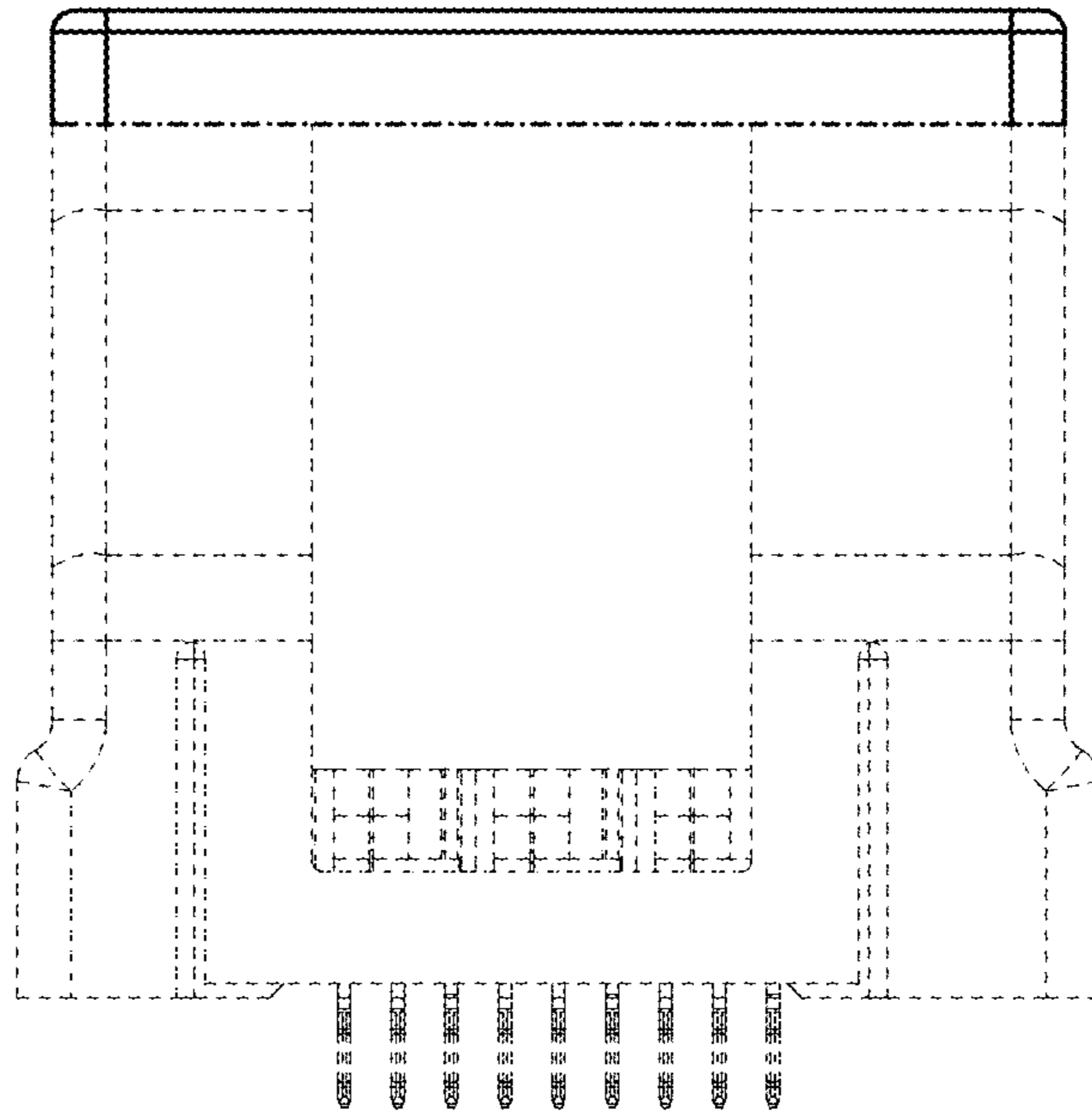


Fig.6

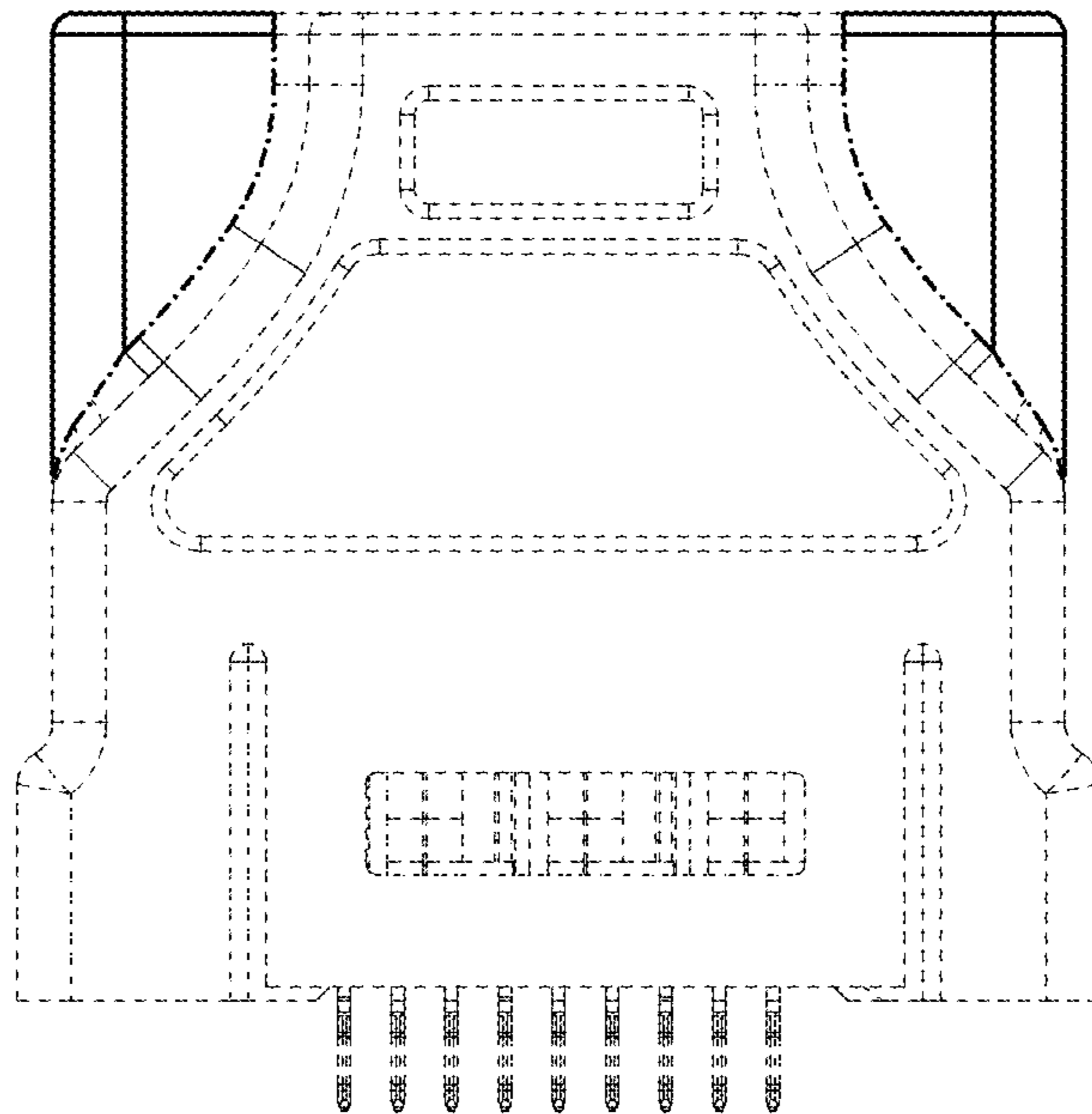


Fig.7

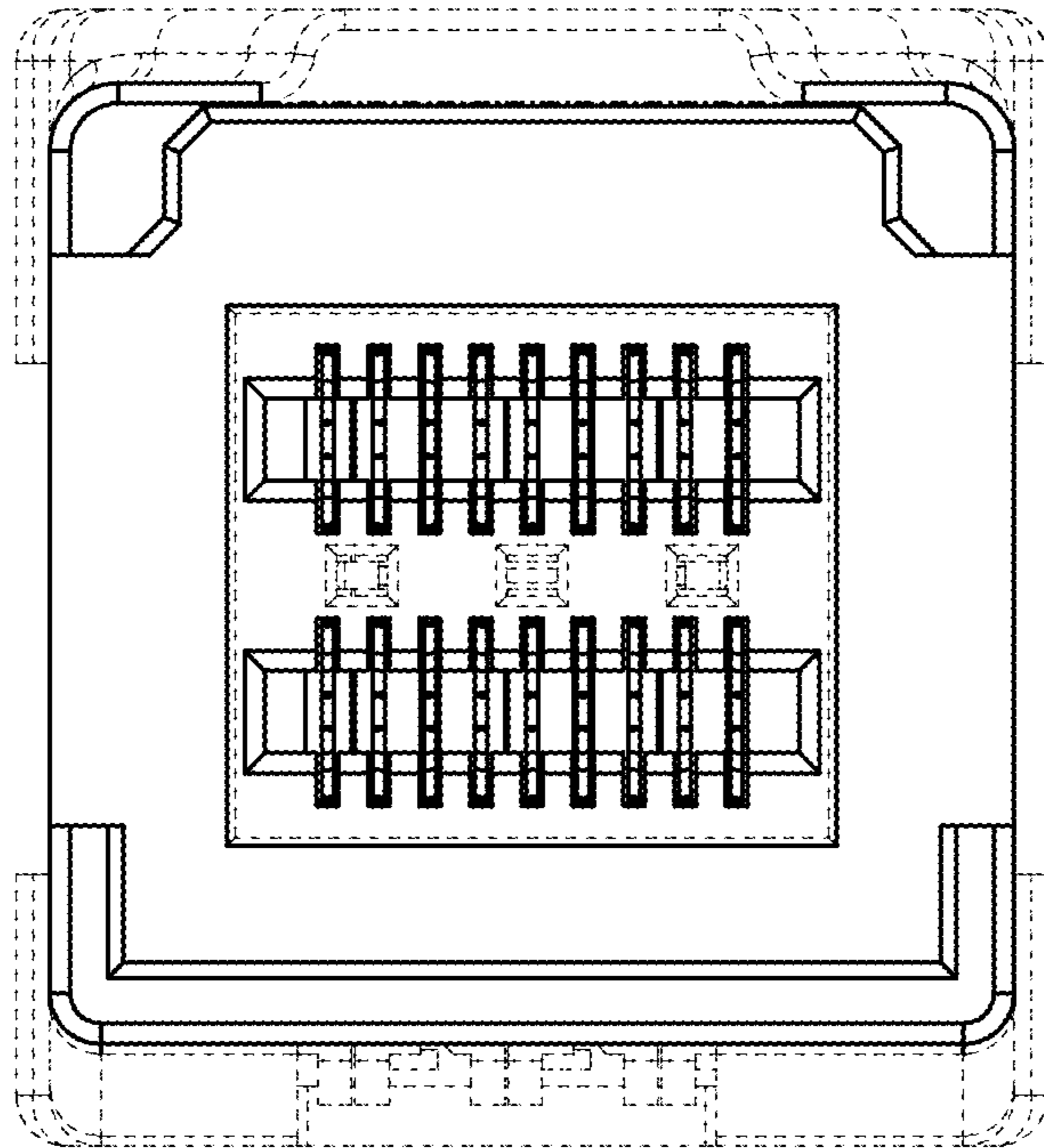


Fig.8

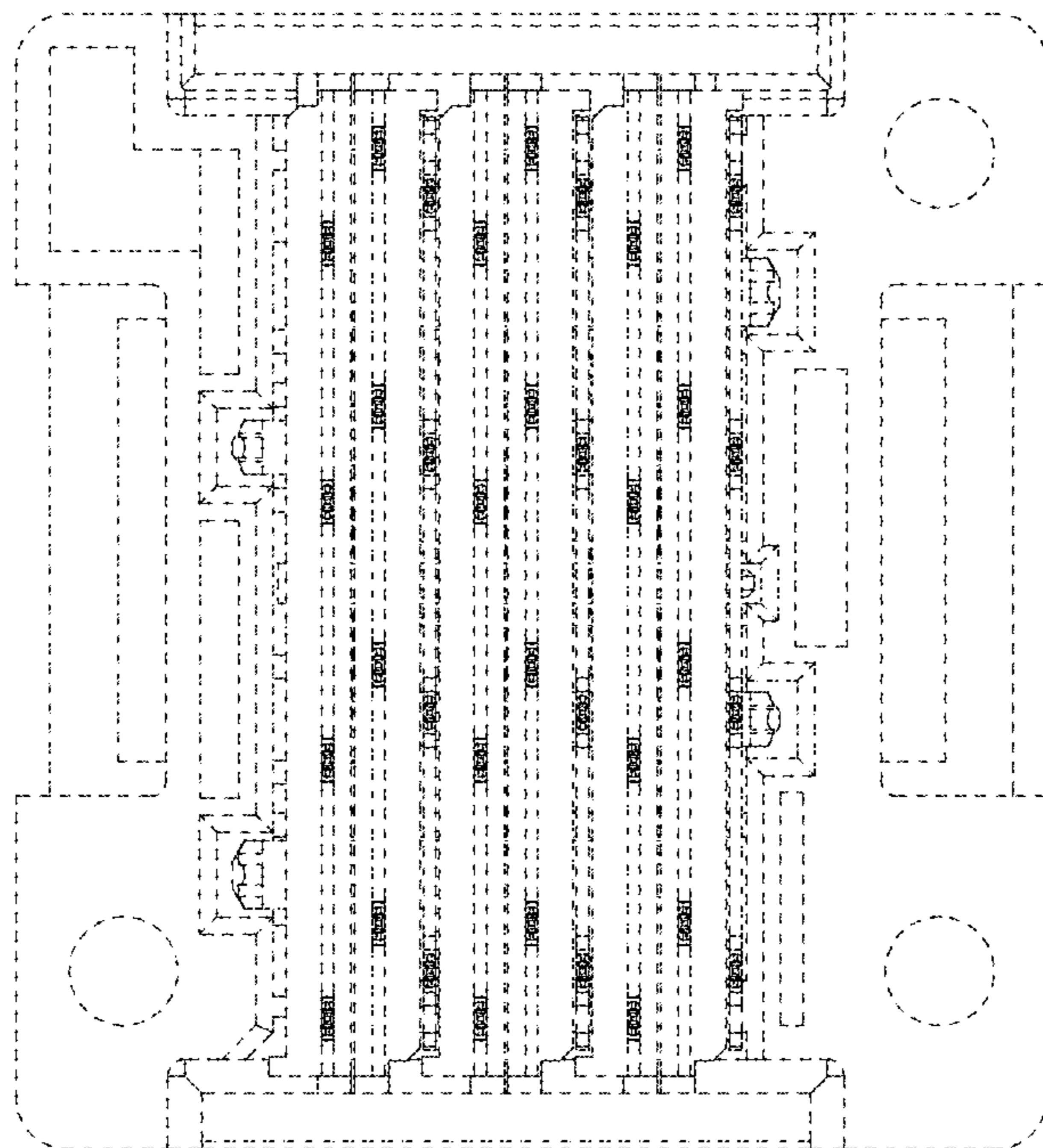


Fig.9



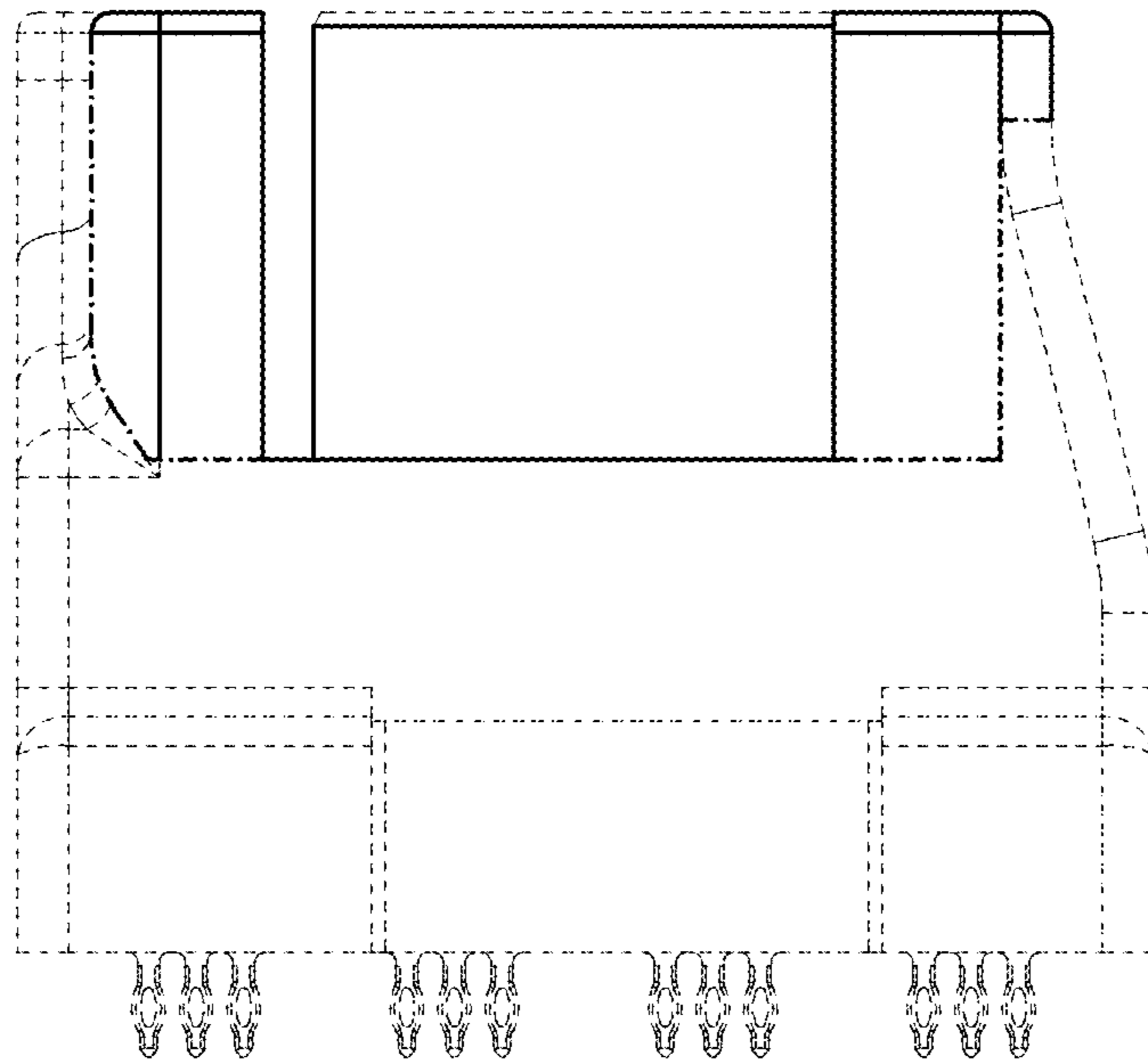


Fig.10

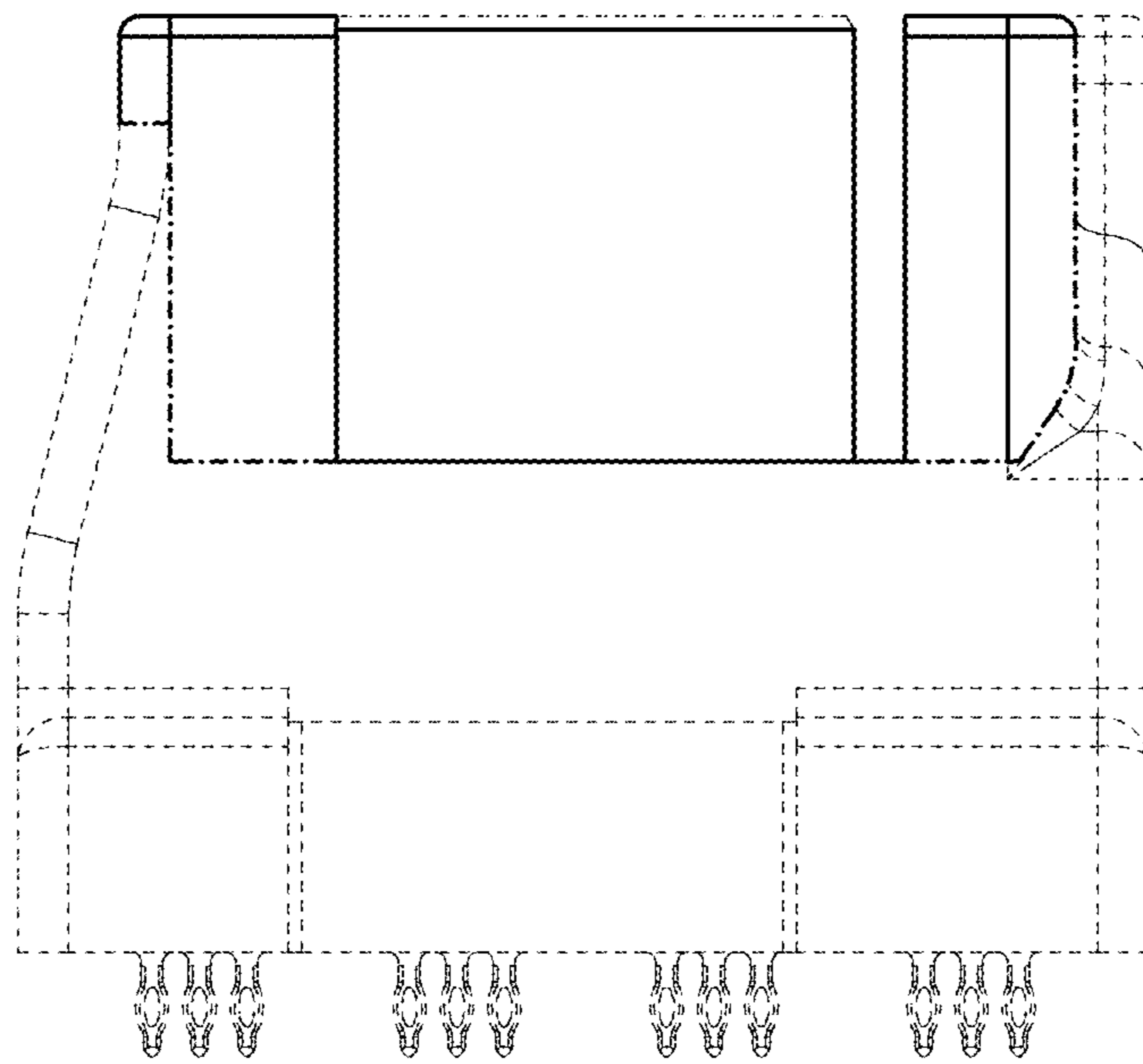


Fig.11