



Part Number  
Key Word



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## Product List

|                                      |                       |
|--------------------------------------|-----------------------|
| Product Name                         | <b>FI-S15P-HFE</b>    |
| Series Name                          | FI Series             |
| Contact spacing (mm)                 | 1.25                  |
| Number of rows                       | 1                     |
| Number of Contacts                   | 15                    |
| Lead free                            | Yes                   |
| Connector type                       | Board side Receptacle |
| PCB mounting type                    | Standard type         |
| PCB mounting method                  | Solder (SMT)          |
| Wire termination method              | -                     |
| Applicable wire                      | -                     |
| Finish of contact in connecting area | Gold over Nickel      |

|                                        |                                                                                              |
|----------------------------------------|----------------------------------------------------------------------------------------------|
| Finish of contact in terminal area     | -                                                                                            |
| Finish of contact in PCB mounting area | Tin/Tin-alloy over Nickel                                                                    |
| Material of housing                    | Glass-filled LCP (UL94V-0)                                                                   |
| PCB side connector styles              | Right angle                                                                                  |
| PCB mounted height (mm)                | 1.8                                                                                          |
| Electro magnetic shield function       | No                                                                                           |
| Remarks                                |                                                                                              |
| Related Documents                      |  99Kbytes |
| Pair                                   |                                                                                              |

## Notice:

1. The values specified in this web site are only for reference. The products and their specifications are subject to change without notice. Contact our sales staff for further information before considering or ordering any of our products.  
For purchase, a product specification must be agreed upon.
2. Users are requested to provide protection circuits and redundancy circuits to ensure safety of the equipment, and sufficiently review the suitability of JAE's products to the equipment.
3. The products presented in this web site are designed for the uses recommended below.  
We strongly suggest you contact our sales staff when considering use of any of the products in any other way than the recommended applications or for a specific use that requires an extremely high reliability.

(1) Applications that require consultation:

- (i) Please contact us if you are considering use involving a quality assurance program that you specify or that is peculiar to the industry, such as:  
Automotive electrical components, train control, telecommunications devices (mainline), traffic light control, electric power, combustion control, fire prevention or security systems, disaster evention equipment, etc.
- (ii) We may separately give you our support with a quality assurance program that  
you specify, when you think of a use such as :

Aviation or space equipment, submarine repeaters, nuclear power control systems, medical equipment for life support, etc.

(2) Recommended applications include:

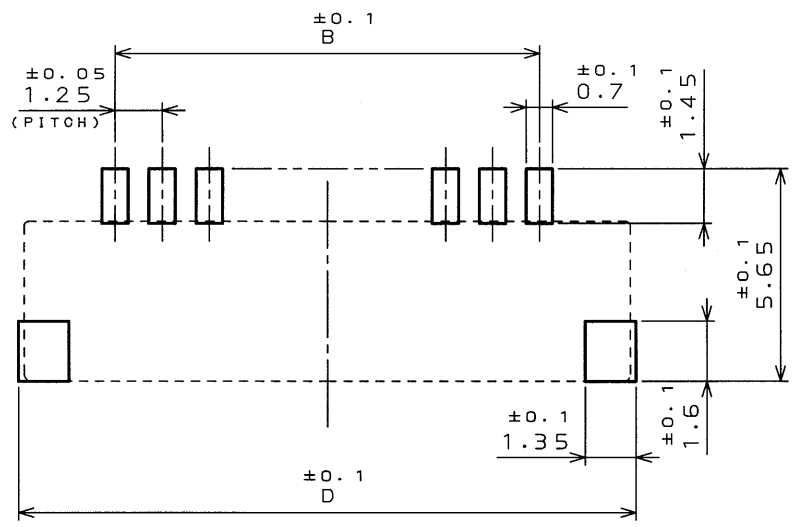
Computers, office appliances, telecommunications devices (terminals, mobile units), measuring equipment, audiovisual equipment, home electric appliances, factory automation equipment, etc

6867E0P8  
(ON 01WVR0) (DRAWING NO.)

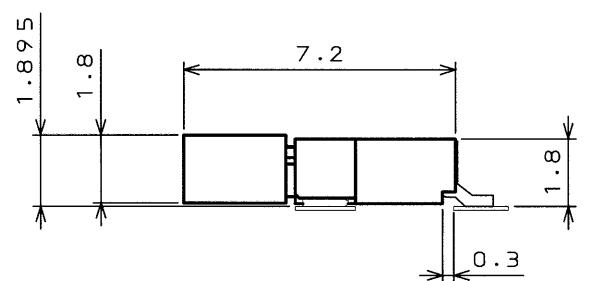
| SYM.<br>版 数 | DCN NO. | DESCRIPTION<br>変更内容 | DATE<br>年月日 | DRAWN<br>製 図 | CHECKED<br>担 当 | APP'D<br>査 閲 | APP'D<br>承 認 |
|-------------|---------|---------------------|-------------|--------------|----------------|--------------|--------------|
|             |         |                     |             |              |                |              |              |
|             |         |                     |             |              |                |              |              |
|             |         |                     |             |              |                |              |              |

TABLE 1

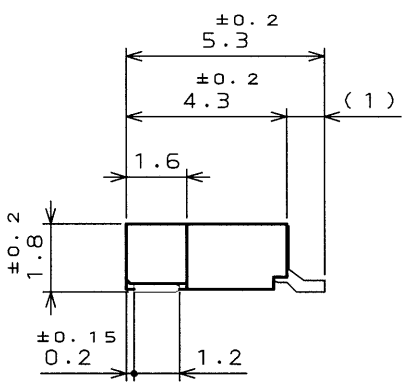
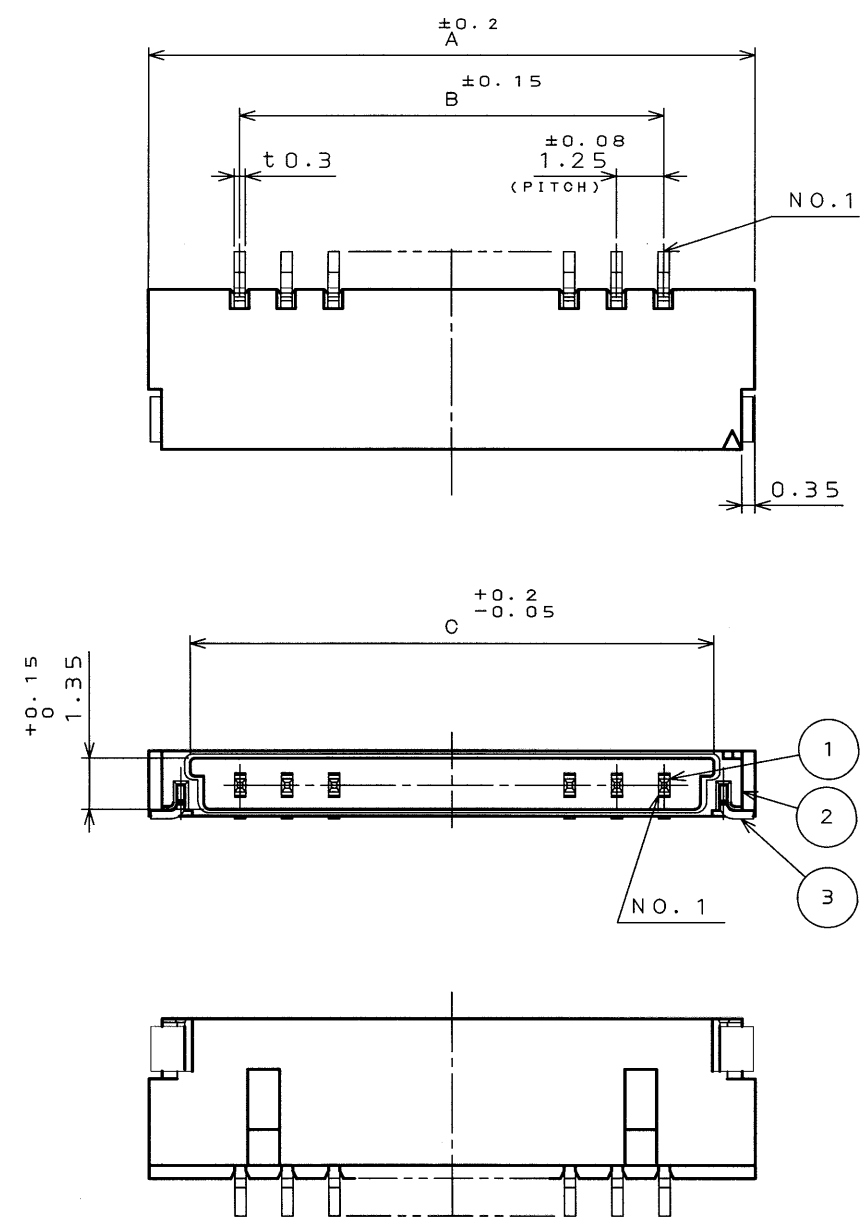
| 表-1                              |       |       |       |       |
|----------------------------------|-------|-------|-------|-------|
| DIMENSION<br>NO. OF CONTACTS (N) | A     | B     | C     | D     |
| 8                                | 13.6  | 8.75  | 11.4  | 13.9  |
| 10                               | 16.1  | 11.25 | 13.9  | 16.4  |
| 15                               | 22.35 | 17.5  | 20.15 | 22.65 |
| 20                               | 28.6  | 23.75 | 26.4  | 28.9  |
| 25                               | 34.85 | 30    | 32.65 | 35.15 |
| 30                               | 41.1  | 36.25 | 38.9  | 41.4  |



P.C.B PATTERN DIMENSION (REF.)  
基板パターン寸法 (参考)



MATED CONDITION (REF.)  
嵌合状態図 (参考)



|                          |                      |                                 |                              |                                                                                                                           |                                                                  |
|--------------------------|----------------------|---------------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| 3                        | HOLD DOWN<br>ホールドダウン | 2                               | COPPER ALLOY<br>銅合金          | (LEAD FREE) TIN/TIN ALLOY<br>錫または錫合金 (無鉛)                                                                                 |                                                                  |
| 2                        | INSULATOR<br>インシュレータ | 1                               | GLASS FILLED LCP<br>ガラス入りLCP |                                                                                                                           | UL94V-0 BEIGE<br>(ベージュ)                                          |
| 1                        | CONTACT<br>コンタクト     | N                               | COPPER ALLOY<br>銅合金          | SELECTIVE GOLD PLATING OVER NICKEL<br>Ni上部分Auメッキ                                                                          | TERMINAL AREA:<br>(LEAD FREE) TIN/TIN ALLOY<br>端子部: 錫または錫合金 (無鉛) |
| ITEM<br>符号               | DESCRIPTION<br>名称    | Q'TY<br>個数                      | MATERIAL<br>材料               | FINISH<br>仕上                                                                                                              | REMARKS<br>備考                                                    |
| 仕様書 (REFERENCE DOCUMENT) |                      | 第1版 (DATE)<br>3. Mar. '03       | 尺 度 (SCALE)<br>5             | <div>JAE-CONNECTOR.COM</div> <div>Reference Only</div> <div>日本航空電子工業株式会社</div> <div>図面番号 (DRAWING NO.)<br/>SJ037989</div> |                                                                  |
| 公差 (GENERAL TOLERANCE)   |                      | 製図 (DR.)<br>M.TANAKA            | 名称 (TITLE)<br>FI-S※※P-HFE    |                                                                                                                           |                                                                  |
| 寸法 (DIMENSION)           |                      | 担当 (CHK.)<br>M.TAKAKU           |                              |                                                                                                                           |                                                                  |
| 角度 (ANGLES)              |                      | 査閲 (APP.)                       |                              |                                                                                                                           |                                                                  |
| . ±0.8                   |                      | 承認 (APP.)<br><i>[Signature]</i> | シリーズ (SERIES)<br>FI          |                                                                                                                           |                                                                  |
| .X ±0.4                  |                      |                                 |                              |                                                                                                                           |                                                                  |
| .XX ±0.1                 |                      |                                 |                              |                                                                                                                           |                                                                  |
| .XXX ±                   |                      |                                 |                              |                                                                                                                           |                                                                  |

LEAD FREE この製品は鉛フリー品です

DOF-0-212B(96.03)

CDS-03-199-50088  
SIZE A3  
版数 (SYM.)  
1