



Part Number
Key Word



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Product List

| | |
|--------------------------------------|-----------------------|
| Product Name | FI-W41P-HFE |
| Series Name | FI Series |
| Contact spacing (mm) | 1.25 |
| Number of rows | 2 |
| Number of Contacts | 41 |
| 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 PPS (UL94V-0) |
| PCB side connector styles | Right angle |
| PCB mounted height (mm) | 3.7 |
| Electro magnetic shield function | No |
| Remarks | |
| Related Documents |  |
| 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.

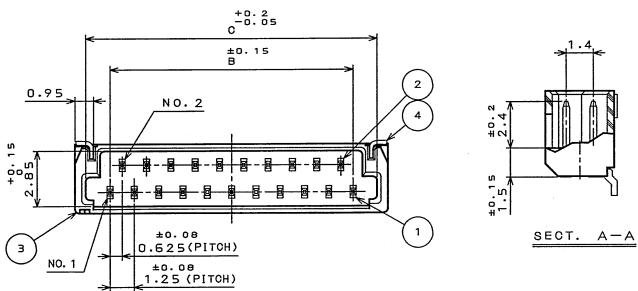
(2) Recommended applications include:

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

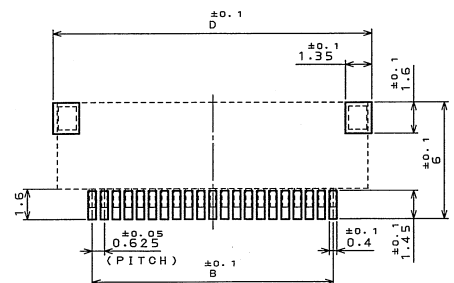
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図面番号(DRAWING NO.) SJ100643

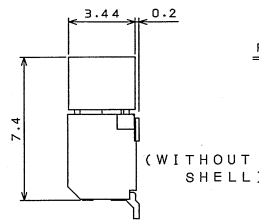
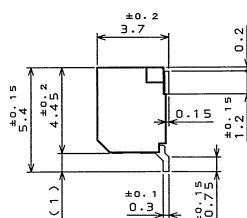
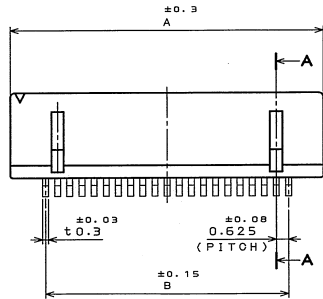
| 版数 REV. | 年月日 DATE | 図面番号 DON NO. | 変更内容 DESCRIPTION | 製図 DR. | 担当 CHK. | 承認 APPD. | 承認 APPD. |
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| | | | | | | | |



SECT. A-A



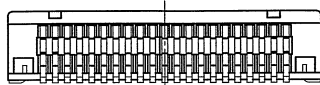
P. C. B. PATTERN DIMENSION (REF.)
基板パターン寸法(参考)



COUNTERPART CONNECTOR
相手側コネクタ

TABLE 1

| ピッチ DIMENSION (CONTACTS (N)) | A | B | C | D |
|------------------------------------|-------|-------|-------|-------|
| 13 | 11.10 | 7.50 | 10.00 | 11.50 |
| 15 | 12.35 | 8.75 | 11.25 | 12.75 |
| 17 | 13.60 | 10.00 | 12.50 | 14.00 |
| 19 | 14.85 | 11.25 | 13.75 | 15.25 |
| 21 | 16.10 | 12.50 | 15.00 | 16.50 |
| 31 | 22.35 | 18.75 | 21.25 | 22.75 |
| 41 | 28.60 | 25.00 | 27.50 | 29.00 |

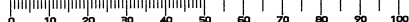


| | | | | | |
|--------------------------|-------------------|---------------------|-------------------|------------------|---|
| 4 | HOLD DOWN | 2 | COPPER ALLOY | TIN OVER NICKEL | |
| 3 | INSULATOR | 1 | GLASS FILLED PPS | | UL94V-0 BLACK |
| 2 | CONTACT2 | (N-1)/2 | COPPER ALLOY | GOLD OVER NICKEL | TERMINAL AREA: TIN/TIN ALLOY OVER NICKEL |
| 1 | CONTACT1 | (N-1)/2 | COPPER ALLOY | GOLD OVER NICKEL | TERMINAL AREA: TIN/TIN ALLOY OVER NICKEL |
| 符号 NO. | 名称 DESCRIPTION | 個数 QTY. | 材料 MATERIAL | 仕上 FINISH | 備考 REMARKS |
| 仕様書(SPECIFICATION) | | 原1版(OBJECTIVE DATE) | 5:1 | | 参考 |
| | | 28.Jan.2004 | JAE CONNECTOR.COM | | 日本航空電子工業株式会社 |
| 一般公差(GENERAL TOLERANCE) | | 製図 D.R. | H.SAKURADA | | 名称(TITLE) |
| 寸法(DIMENSION) 角度(ANGLES) | | 検査 CHK. | T.YAMAJI | | Reference |
| . ±0.08 X° ± | | 承認 APPD. | M. Suzuki | | JAE AVIATION |
| .X ±0.4 X° ± | | 承認 APPD. | Y. Ishiyama | | ELECTRONICS |
| .XX ±0.1 X° ± | | | | | INDUSTRY, LTD. |
| .XXX ± | | | | | 図面番号(DRAWING NO.) |
| | | | | | SJ100643 |
| | | | | | 版数 (REV.) |
| | | | | | 1 |

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