JAE

NEW

ES3 Series JF3 Type
(cULus Certified Product)
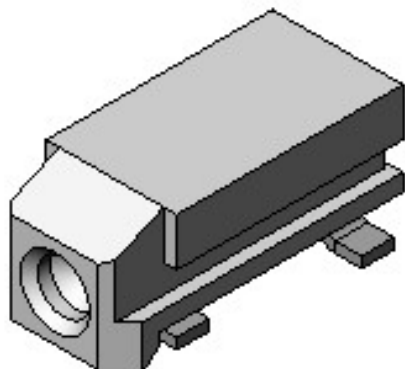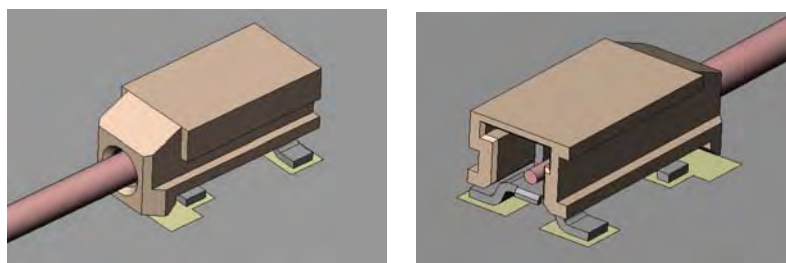
CONNECTOR

MB-0257-1

December 2012

RoHS compliant

Image of cable insertion

The ES3 Series (JF3 type) is a compact, low-profile 1-pin cable insertion type connector. This connector is well suited for use in a wide range of applications including LED lighting, LCD TV backlight, tablet PC, and other compact devices.
The ES3 Series (JF3 type) is cULus certified.

Features

- cULus certification: File No. E67741 c**UL**us

- No harness assembly, single cable insertion

- Taper at the insertion opening for easy cable insertion

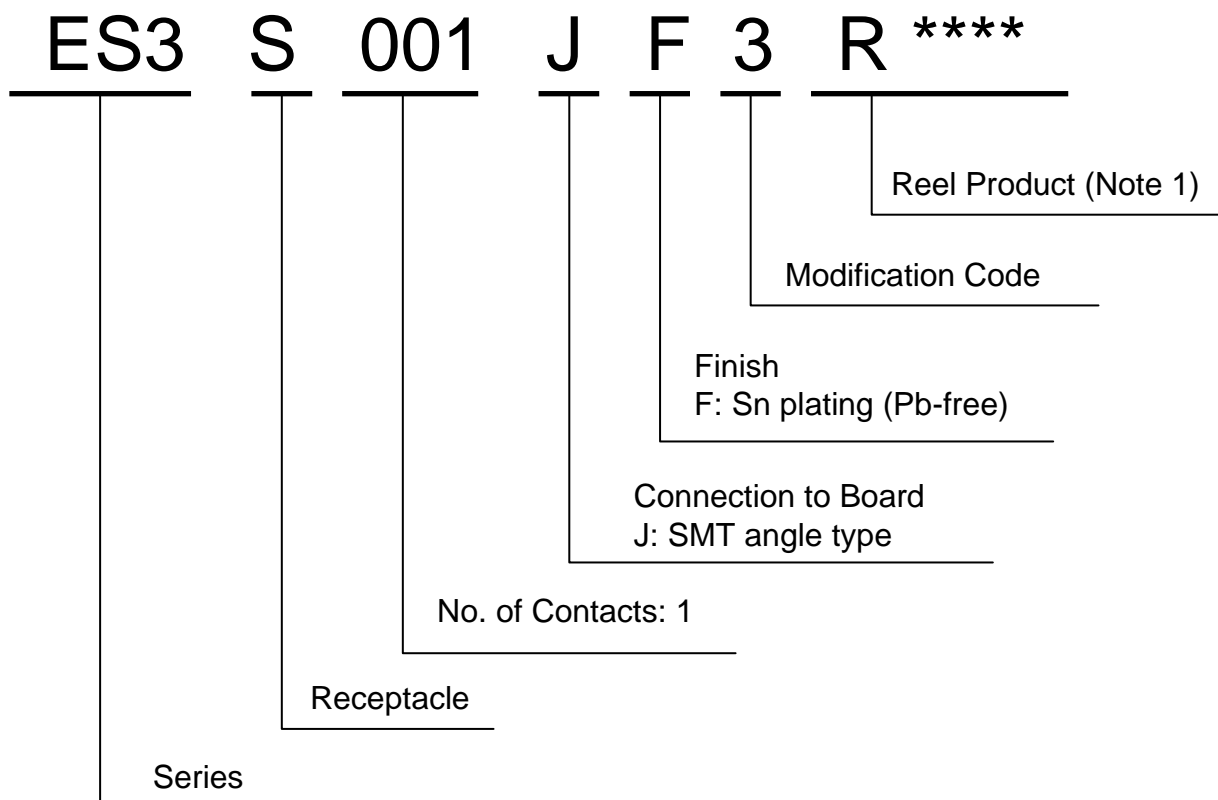- Embossed tape packaging for automated mounting

General Specifications

- No. of Contacts: 1 position

- Contact Resistance: 30mΩmax.

- Rated Current: 2A

- Mating Cycles: 5 times
- Operating Temperature: -40 Deg. C to 105 Deg. C
- Applicable Wire: 26AWG to 24AWG (Single wire)
  (diameter 0.4 to 0.51mm)
  Outer cable diameter: 1.15mm max.
  (recommended)
  *Stranded wire (including pre-soldered)
  not applicable.

Materials and Finishes

Component	Material / Finish
Insulator	LCP
Contact	Copper alloy / Sn plating

Ordering Information

ES3　S　001　J　F　3　R ****

Reel Product (Note 1)

Modification Code

Finish
F: Sn plating (Pb-free)

Connection to Board
J: SMT angle type

No. of Contacts: 1

Receptacle

Series

Note 1: An embossed tape reel contains 3,300 pieces.

Product Drawing

Part Number	ES3S001JF3
Drawing No.	SJ111054

LISTED BY UL/cUL

±0.15
3

±0.15
2.9

±0.15
3.6

±0.15
6.5

(0.2)

(0.5)

2

1

(5.5)　(0.5)

(2)
(EFFECTIVE CONTACT LENGTH)
有効接触長

(1.25)

(φ0.4)

(φ0.4～φ0.51)

1.15Max.
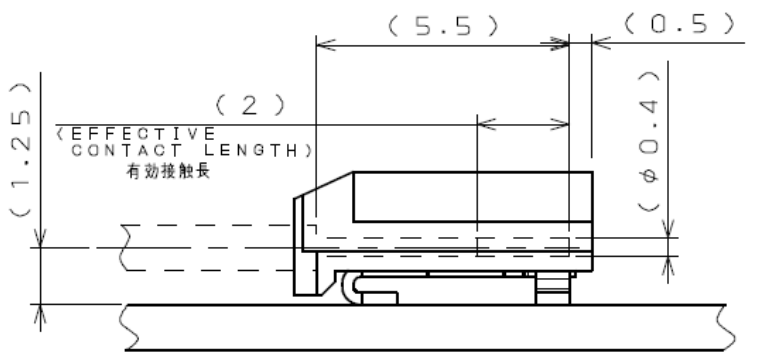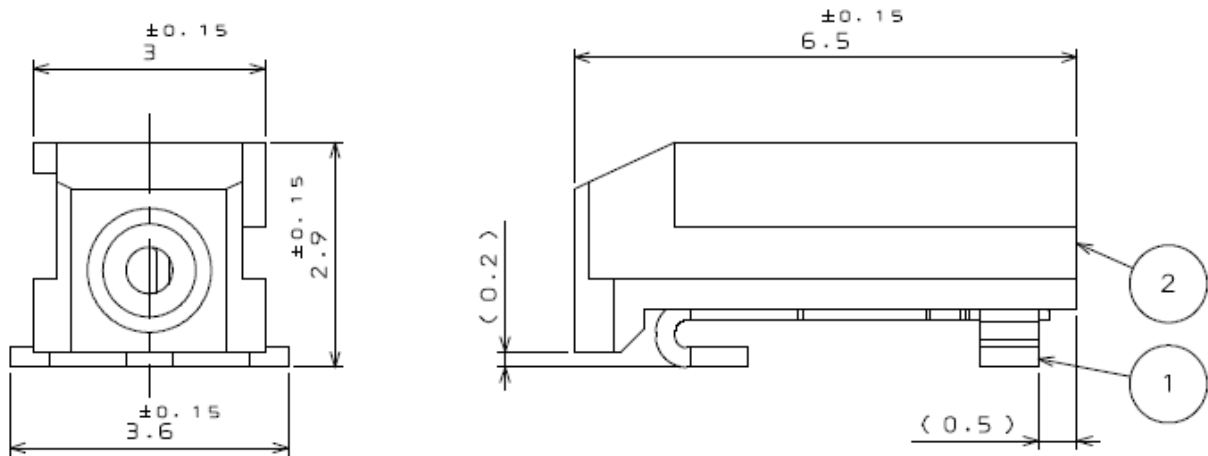
嵌合状態図 (参 考)
MATED CONDITION(REF.)

(5.5)
(4.5Min.)

CONDUCTOR
導体
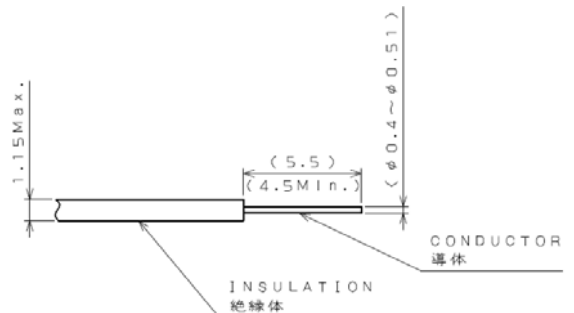
INSULATION
絶縁体

2	INSULATOR インシュレータ	1	LCP	
1	CONTACT コンタクト	1	COPPER ALLOY 銅合金	LEAD-FREE TIN PLATING
符号 NO.	名称 DESCRIPTION	個数 QTY.	材料 MATERIAL	仕上 FINISH

Part Number	ES3S001JF3R3300
Drawing No.	SJ111062

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LISTED  BY  UL/cUL
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ENDING PORTION        BEGINNING PORTION(400mm MIN.)
終端部                リーダ部(400mm以上)
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W/O CONNECTOR   W/H CONNECTOR   W/O CONNECTOR
空部   コネクタ装着部   空部
(40mm MIN.)   (3300 pcs)   (20mm MIN.)

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D I R E C T I O N
引出し方向
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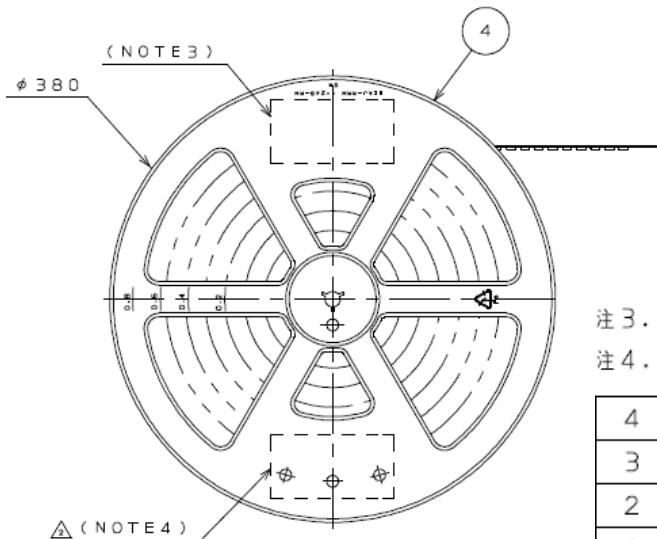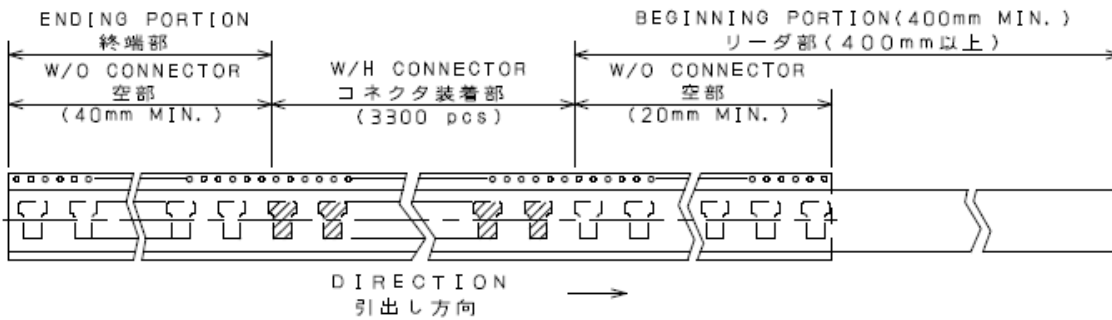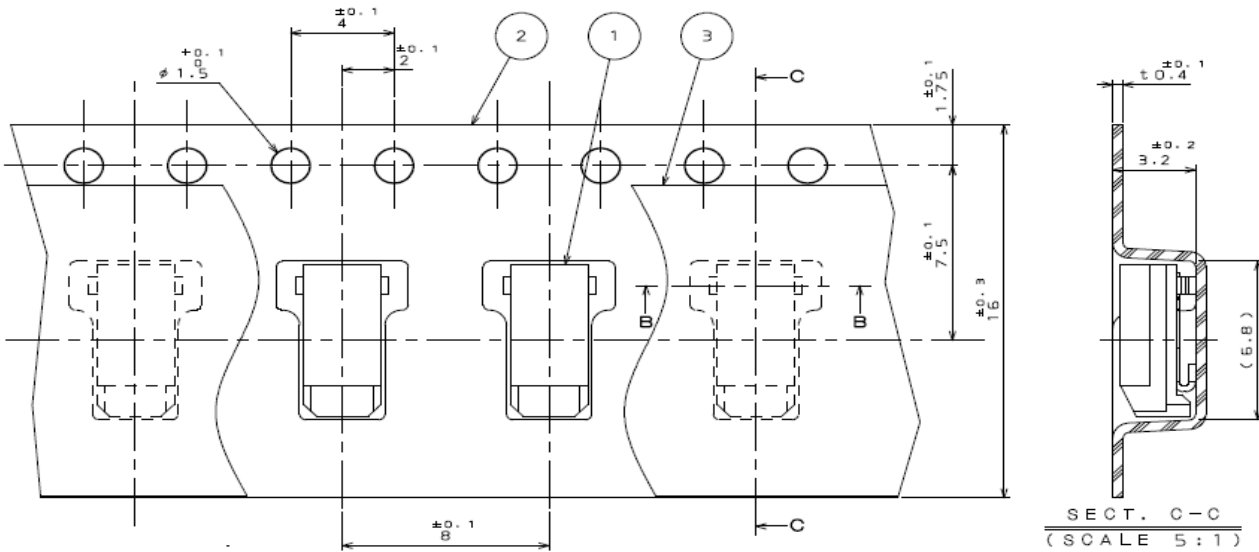
注3. コネクタ寸法は SJ111054(ES3S001JF3)参照.
注4. 図示の位置にラベルを貼り、cULus認証品必要事項を表示する.

NO. 符号	DESCRIPTION 名称	QTY. 個数	MATERIAL 材料
4	REEL	1	POLYSTYRENE
3	COVER TAPE	1	POLYESTER
2	CARRIER TAPE	1	POLYSTYRENE
1	CONNECTOR	3300	—

参考適合基板寸法
APPLICABLE P.C.B. DIMENSION(REF.)

Technical Documents

	Technical Document No. (Contents of Document)
SJ Drawing	SJ111054 (ES3S001JF3, individual product) SJ111062 (ES3S001JF3, embossed tape packaging)
Specifications	JACS-10726
Handling Instructions	JAHL-10726

Japan Aviation Electronics Industry, Limited

* The specifications in this brochure are subject to change without notice. Please contact JAE for information.

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