

0.5mmPitch

Series 5046



シリーズ (Series)	5046
基板間高さ (Stacking Height)	3.0mm/3.5mm/4.0mm/4.5mm
極間隔 (Pitch)	0.5mm
極数 (No. of Positions)	20 ~ 120
定格電流 (Rated Current)	AC/DC 0.4A
定格電圧 (Rated Voltage)	AC/DC 50V
耐電圧 (D.W.Voltage)	AC 500Vrms/min.
コンタクト材質 (Contact Material)	銅合金 Copper alloy
インシュレータ材質 (Insulator Material)	耐熱樹脂 Heat-resistant plastic
使用温度範囲 (Operating Temperature)	- 25 ~ 85

SERIES 5046

概要

5046シリーズは、市場の高密度実装の要求、特に携帯タイプの小型機器向けに開発された、0.5mmピッチの基板対基板コネクタです。基板間高さ3.0、3.5、4.0、4.5mmのバリエーションを用意しました。

Outline

Series 5046 is a 0.5mm pitch, space-efficient, Board to Board connector that responds to a surge of downsizing and slimming requirements for cellular phones, PHS, Digital AV apparatus and etc. 3.0mm, 3.5mm, 4.0mm and 4.5mm in stacking height are available.

特長

- (1) 金具付き/無し、吸着テープ付き/無しに対応します。
- (2) 嵌合部のこじりに強い設計構造で、自然落下時の衝撃にも大きな信頼性を実現しています。
- (3) 接触信頼性に優れたベローズ形状のコンタクトを採用。

Features

- (1) Series 5046 offerd with metal tab or without metal tab, with vacuum tape or without vacuum tape.
- (2) Designed to have the strong resistance against torque forces on mating area to achieve the high reliability in the natural fall shock.
- (3) Adoption of bellows type contact with the excellent contact reliability.

本カタログには推奨めっきを掲載しております。めっき種類・仕様、ならびに生産対応可能極数については営業部に御確認願います。
Recommended plating types are mentioned in this catalogue.
For other plating types and their specifications, and available numbers of positions, please feel free to contact our sales department.

0.5mm Pitch

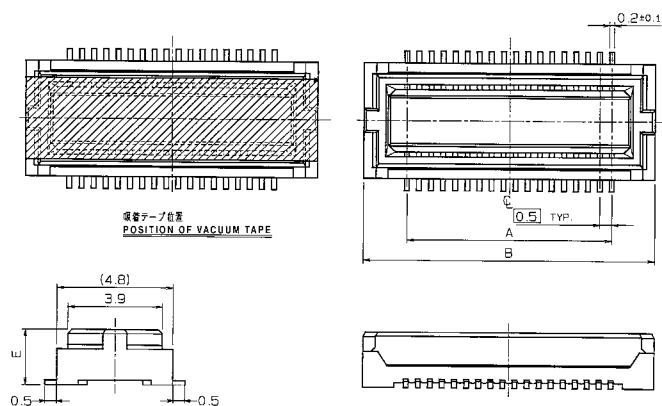
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プラグ ST SMT (嵌合高さ = 3.0 ~ 4.5 mm)

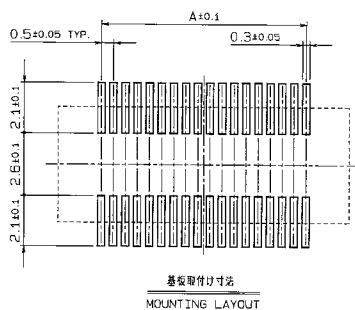
Plug Vertical SMT (Stacking Height = 3.0 ~ 4.5 mm)

● Without metal tab

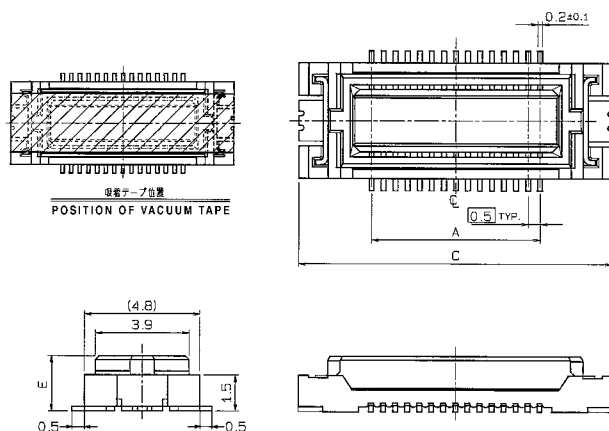


積層 NO. OF POS.	A	B
20	4.5	8.1
30	7.0	10.6
40	9.5	13.1
50	12.0	15.6
60	14.5	18.1
70	17.0	20.6
80	19.5	23.1
90	22.0	25.6
100	24.5	28.1
110	27.0	30.6
120	29.5	33.1

嵌合高さ Stacking Height	E
H = 3.0	2.3
H = 3.5	2.8
H = 4.0	3.3
H = 4.5	3.8

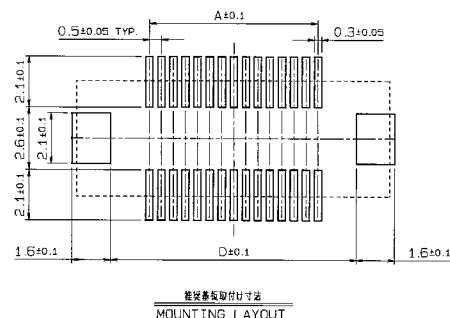


● With metal tab

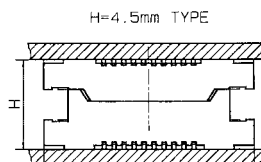
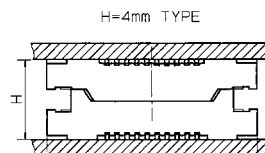
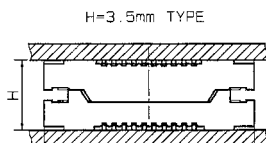
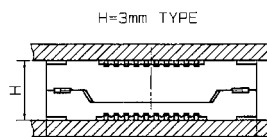


積層 NO. OF POS.	A	C	D
20	4.5	10.5	7.7
30	7.0	13.0	10.2
40	9.5	15.5	12.7
50	12.0	18.0	15.2
60	14.5	20.5	17.7
70	17.0	23.0	20.2
80	19.5	25.5	22.7
90	22.0	28.0	25.2
100	24.5	30.5	27.7
110	27.0	33.0	30.2
120	29.5	35.5	32.7

嵌合高さ Stacking Height	E
H = 3.0	2.3
H = 3.5	2.8
H = 4.0	3.3
H = 4.5	3.8



● Stacking Height



注文コード ORDERING CODE
14 5046 XXX XXX 829+

RoHS 対応品
RoHS Compliant Product

- 30 : H = 3.0mm
- 35 : H = 3.5mm
- 40 : H = 4.0mm
- 45 : H = 4.5mm
- 0 : 金具無し Without metal tab
- 1 : 金具付 With metal tab
- 5 : 金具無し 吸着テープ付 Without metal tab, With vacuum tape
- 6 : 金具付 吸着テープ付 With metal tab and vacuum tape
- 極数 Number of positions

注) 生産可能極数については営業部にご確認願います。
Note) Feel free to contact our sales department for available numbers of positions.

梱包数量 : 1000個/リール
PACKING QUANTITY : 1000/Reel

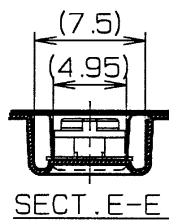
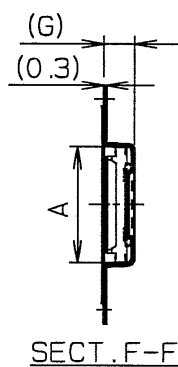
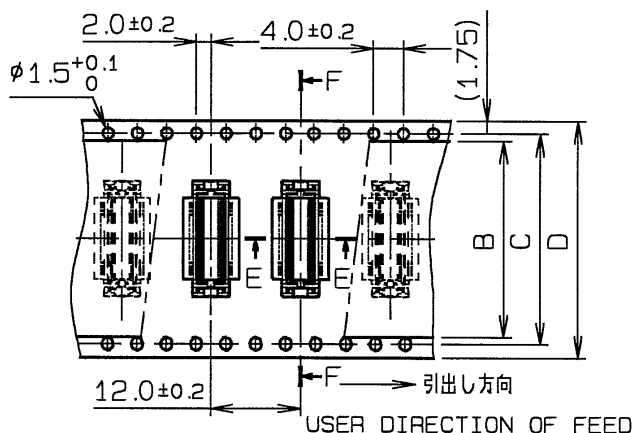
0.5mm Pitch

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プラグ エンボス梱包

Plug Tape and Reel Package



Stacking Height	G
H=3.0	4.1
H=3.5	4.1
H=4.0	5.1
H=4.5	5.1

極数 NO. OF POS.	A	B	C	D
20	8.1	26.5	28.4	32.0
30	10.6			
40	13.1			
50	15.6			
60	18.1	38.5	40.4	44.0
70	20.6			
80	23.1			
90	25.6			
100	28.1	50.5	52.4	56.0
110	30.6			
120	33.1			

注文コード ORDERING CODE
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RoHS 対応品

RoHS Compliant Product

30 : H = 3.0mm

35 : H = 3.5mm

40 : H = 4.0mm

45 : H = 4.5mm

0 : 金具無し Without metal tab

1 : 金具付 With metal tab

5 : 金具無し 吸着テープ付 Without metal tab, With vacuum tape

6 : 金具付 吸着テープ付 With metal tab and vacuum tape

極数 Number of positions

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梱包数量 : 1000個/リール

PACKING QUANTITY : 1000/Reel

0.5mm Pitch

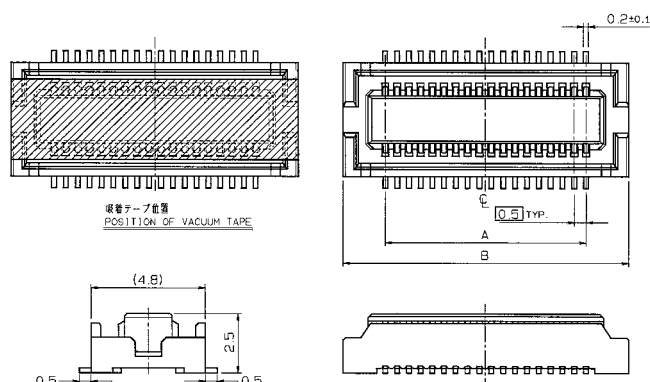
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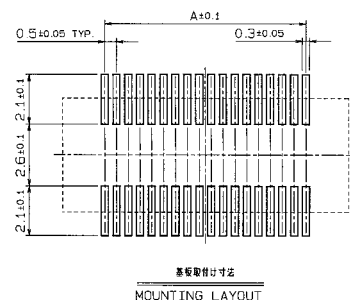
リセ ST SMT

Receptacle Vertical SMT

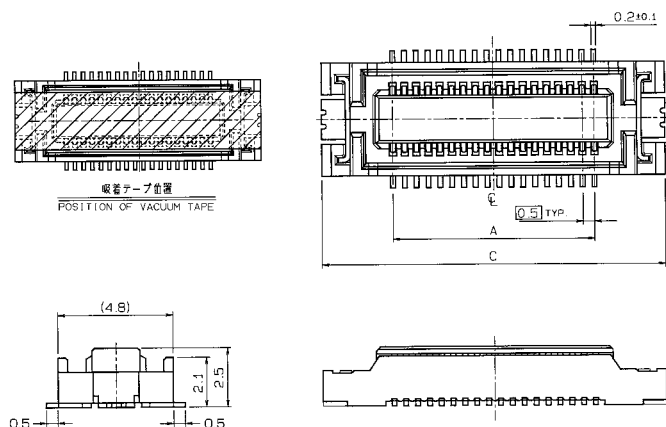
● Without metal tab



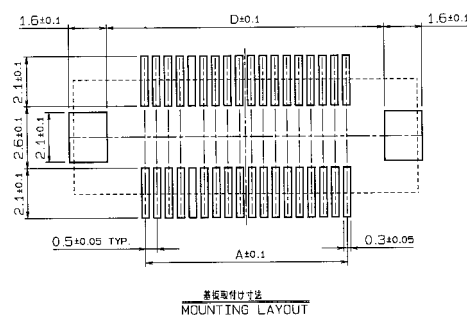
個数 NO. OF POS.	A	B
20	4.5	8.1
30	7.0	10.6
40	9.5	13.1
50	12.0	15.6
60	14.5	18.1
70	17.0	20.6
80	19.5	23.1
90	22.0	25.6
100	24.5	28.1
110	27.0	30.6
120	29.5	33.1



● With metal tab



個数 NO. OF POS.	A	C	D
20	4.5	10.5	7.7
30	7.0	13.0	10.2
40	9.5	15.5	12.7
50	12.0	18.0	15.2
60	14.5	20.5	17.7
70	17.0	23.0	20.2
80	19.5	25.5	22.7
90	22.0	28.0	25.2
100	24.5	30.5	27.7
110	27.0	33.0	30.2
120	29.5	35.5	32.7



注文コード ORDERING CODE

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RoHS 対応品

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梱包数量 : 1000個/リール
PACKING QUANTITY : 1000/Reel

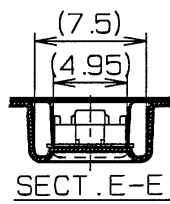
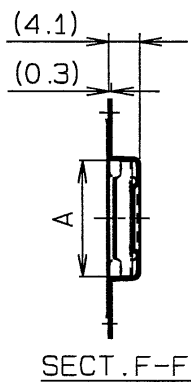
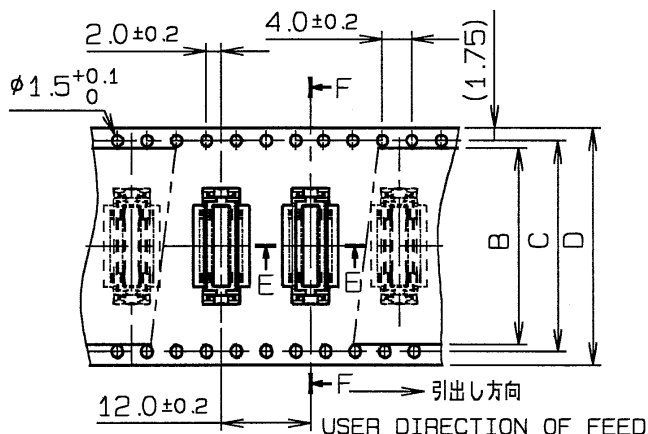
0.5mm Pitch

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リセ エンボス梱包

Receptacle Tape and Reel Package



極 数 NO.OF POS.	A	B	C	D
20	10.65	26.5	28.4	32.0
30	13.15	26.5	28.4	32.0
40	15.65	26.5	28.4	32.0
50	18.15	26.5	28.4	32.0
60	20.65	26.5	28.4	32.0
70	23.15	38.5	40.4	44.0
80	25.65	38.5	40.4	44.0
90	28.15	38.5	40.4	44.0
100	30.65	38.5	40.4	44.0
110	33.15	50.5	52.4	56.0
120	35.65	50.5	52.4	56.0

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