

0.5mmPitch

Series 5047



シリーズ (Series)	5047
基板間高さ (Stacking Height)	5.0mm/7.0mm
極間隔 (Pitch)	0.5mm
極数 (No. of Positions)	20~100
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 resistance plastic
使用温度範囲 (Operating Temperature)	-25~85℃

SERIES 5047

◇概要

5047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5.0、7.0mmのバリエーションを用意しました。

◇Outline

Series 5047 is a 0.5mm pitch, space-efficient, Board to Board connector that responds to a surge of downsizing and slimming requirements for Digital AV apparatus, mobile equipment and etc. 5.0mm, 7.0mm in stacking height are available.

◇特長

- (1) 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。
- (2) 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) Designed to have the strong resistance against torque forces on mating area to achieve the high reliability in the natural fall shock.
- (2) Adoption of bellows type contact with the excellent contact reliability.

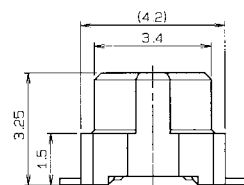
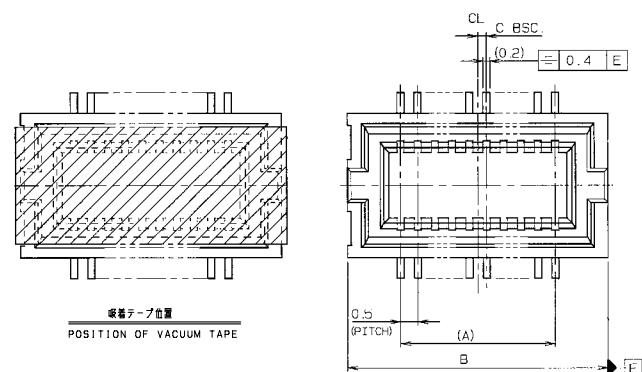
本カタログには推奨めっきを掲載しております。めっき種類・仕様、ならびに生産対応可能極数については営業部に御確認願います。
Recommended plating types are mentioned in this catalogue.
For other plating types and their specifications, and available numbers of positions, please feel free to contact our sales department.

0.5mm Pitch
SERIES

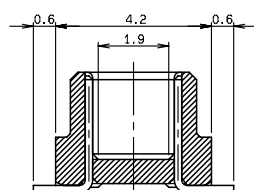
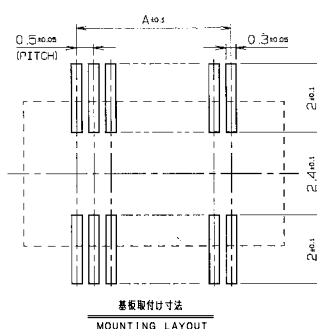
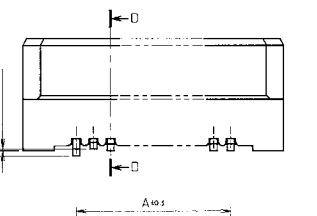
5047

プラグ ST SMT (嵌合高さ=5.0mm)
Plug Vertical SMT (Stacking Height=5.0mm)

●Without metal tab

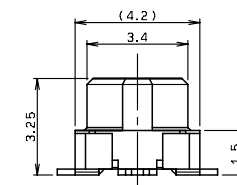
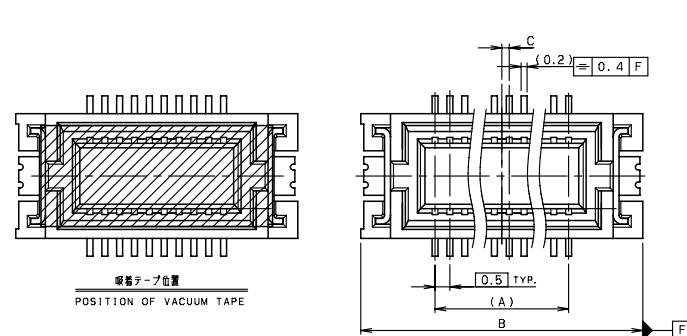


極数 NO. OF POS.	A	B	C
020	4.5	7.5	0.25
030	7.0	10.0	0.5
040	9.5	12.5	0.25
050	12.0	15.0	0.5
060	14.5	17.5	0.25
070	17.0	20.0	0.5
080	19.5	22.5	0.25
090	22.0	25.0	0.5
100	24.5	27.5	0.25
110	27.0	30.0	0.5
120	29.5	32.5	0.25

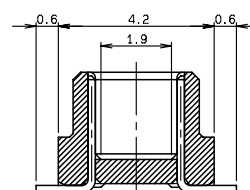
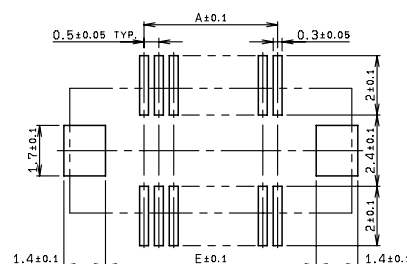
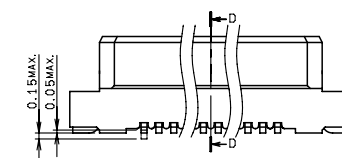


SECT. D-D

●With metal tab



極数 NO. OF POS.	A	B	C	E
020	4.5	9.5	0.25	7.1
030	7.0	12.0	0.5	9.6
040	9.5	14.5	0.25	12.1
050	12.0	17.0	0.5	14.6
060	14.5	19.5	0.25	17.1
070	17.0	22.0	0.5	19.6
080	19.5	24.5	0.25	22.1
090	22.0	27.0	0.5	24.6
100	24.5	29.5	0.25	27.1
110	27.0	32.0	0.5	29.6
120	29.5	34.5	0.25	32.1



SECT. D-D

注文コード ORDERING CODE
14 5047 XXX X50 XXXX

RoHS 対応品
RoHS Compliant Product

856+ : Au 0.1 μm/MIN
861+ : Au 0.2 μm/MIN

- 9 : 吸着テープ付 金具無 With vacuum tape, Without metal tab
- 4 : 吸着テープ無 金具無 Without vacuum tape or metal tab
- 6 : 吸着テープ付 金具付 With vacuum tape and metal tab
- 1 : 吸着テープ無 金具付 Without vacuum tape, With metal tab

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.

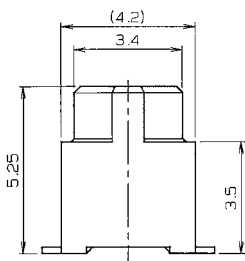
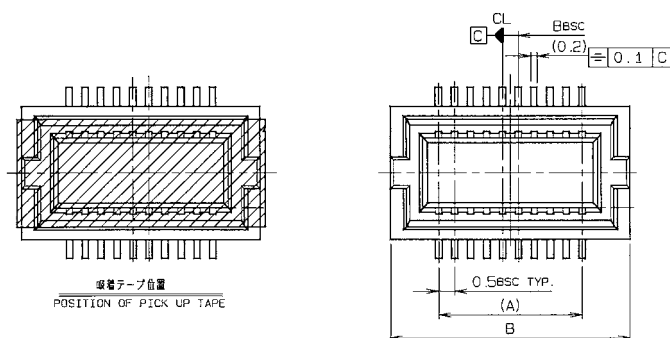
梱包数量 : 800個/リール
PACKING QUANTITY : 800/Reel

0.5mm Pitch
SERIES

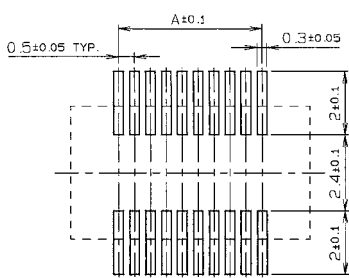
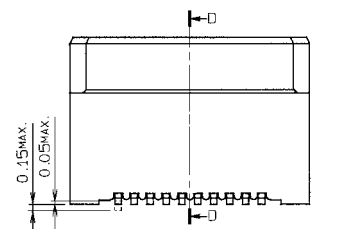
5047

プラグ ST SMT (嵌合高さ=7.0mm)
Plug Vertical SMT (Stacking Height=7.0mm)

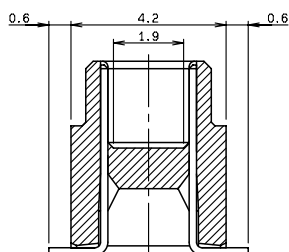
●Without metal tab



極数 NO. OF POS.	A	B	C
020	4.5	7.5	0.25
030	7.0	10.0	0.5
040	9.5	12.5	0.25
050	12.0	15.0	0.5
060	14.5	17.5	0.25
070	17.0	20.0	0.5
080	19.5	22.5	0.25
090	22.0	25.0	0.5
100	24.5	27.5	0.25
110	27.0	30.0	0.5
120	29.5	32.5	0.25

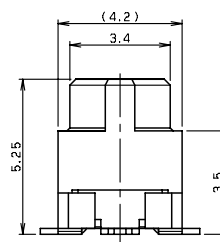
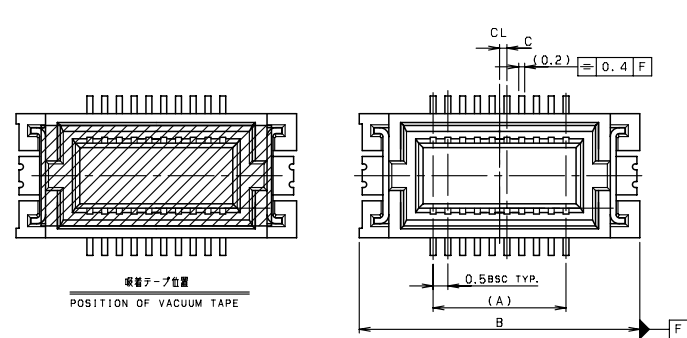


基板取付け寸法
MOUNTING LAYOUT

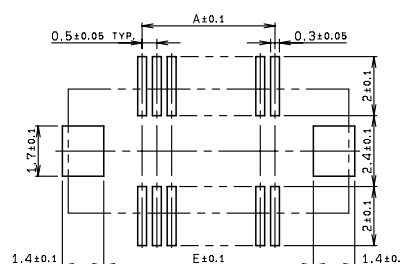
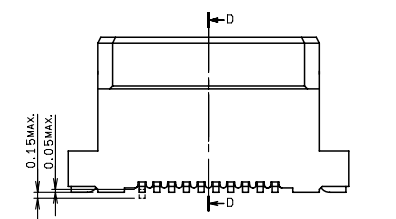


SECT. D-D

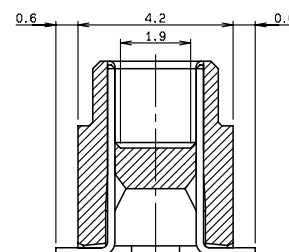
●With metal tab



極数 NO. OF POS.	A	B	C	E
020	4.5	9.5	0.25	7.1
030	7.0	12.0	0.5	9.6
040	9.5	14.5	0.25	12.1
050	12.0	17.0	0.5	14.6
060	14.5	19.5	0.25	17.1
070	17.0	22.0	0.5	19.6
080	19.5	24.5	0.25	22.1
090	22.0	27.0	0.5	24.6
100	24.5	29.5	0.25	27.1
110	27.0	32.0	0.5	29.6
120	29.5	34.5	0.25	32.1



基板取付け寸法
MOUNTING LAYOUT



SECT. D-D

注文コード ORDERING CODE
14 5047 XXX X70 XXXX

RoHS対応品
RoHS Compliant Product

856+ : Au 0.1 μm/MIN
861+ : Au 0.2 μm/MIN

- 9 : 吸着テープ付 金具無 With vacuum tape, Without metal tab
- 4 : 吸着テープ無 金具無 Without vacuum tape or metal tab
- 6 : 吸着テープ付 金具付 With vacuum tape and metal tab
- 1 : 吸着テープ無 金具付 Without vacuum tape, With metal tab

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 : 800個/リール
PACKING QUANTITY : 800/Reel

0.5mm Pitch

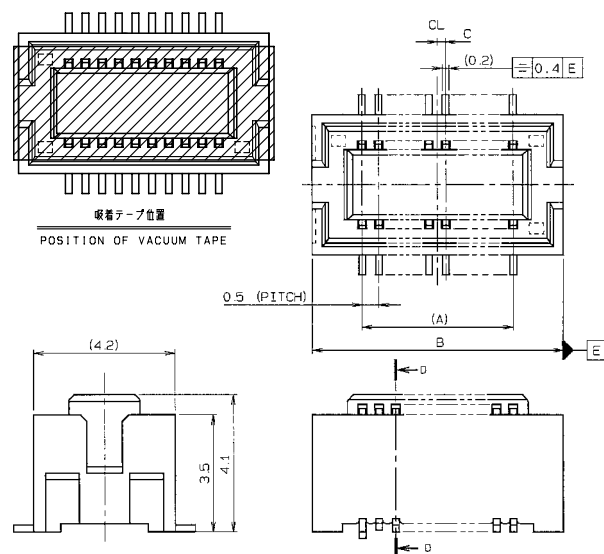
SERIES

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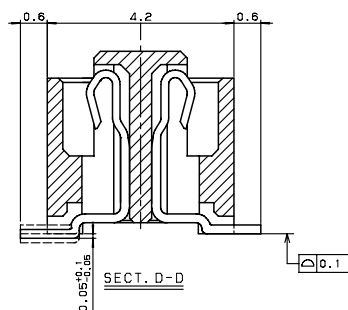
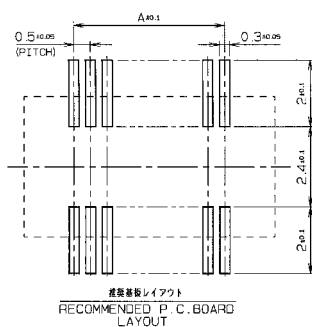
リセ ST SMT (嵌合高さ=5.0, 7.0mm)

Receptacle Vertical SMT (Stacking Height=5.0, 7.0mm)

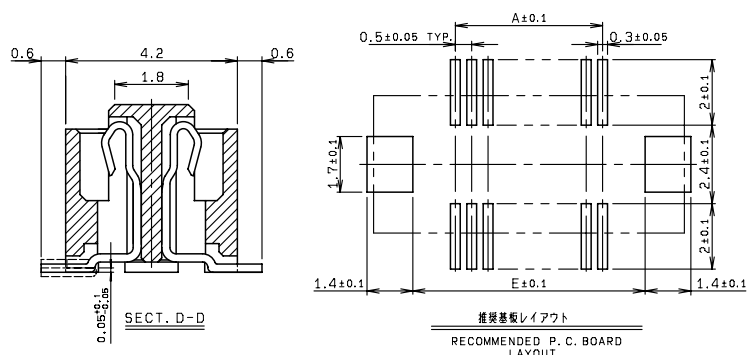
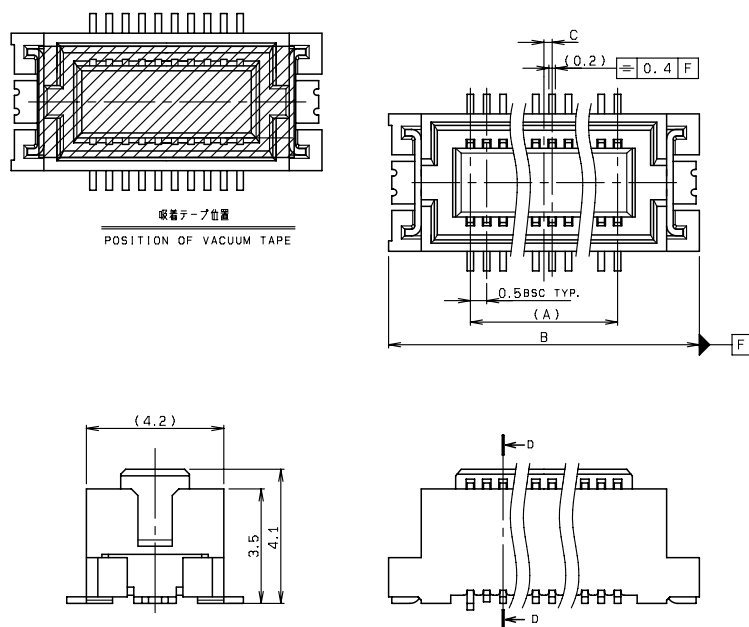
●Without metal tab



極数 NO. OF POS.	A	B	C
020	4.5	7.5	0.25
030	7.0	10.0	0.5
040	9.5	12.5	0.25
050	12.0	15.0	0.5
060	14.5	17.5	0.25
070	17.0	20.0	0.5
080	19.5	22.5	0.25
090	22.0	25.0	0.5
100	24.5	27.5	0.25
110	27.0	30.0	0.5
120	29.5	32.5	0.25



●With metal tab



極数 NO. OF POS.	A	B	C	E
020	4.5	9.5	0.25	7.1
030	7.0	12.0	0.5	9.6
040	9.5	14.5	0.25	12.1
050	12.0	17.0	0.5	14.6
060	14.5	19.5	0.25	17.1
070	17.0	22.0	0.5	19.6
080	19.5	24.5	0.25	22.1
090	22.0	27.0	0.5	24.6
100	24.5	29.5	0.25	27.1
110	27.0	32.0	0.5	29.6
120	29.5	34.5	0.25	32.1

注文コード ORDERING CODE

24 5047 XXX X00 XXXX

RoHS対応品

RoHS Compliant Product

856+ : Au 0.1 μm/MIN
861+ : Au 0.2 μm/MIN

- 9 : 吸着テープ付 金具無 With vacuum tape, Without metal tab
4 : 吸着テープ無 金具無 Without vacuum tape or metal tab
6 : 吸着テープ付 金具付 With vacuum tape and metal tab
1 : 吸着テープ無 金具付 Without vacuum tape, With metal tab

極数 Number of positions

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Note) Feel free to contact our sales department for available numbers of positions.

梱包数量 : 800個/リール
PACKING QUANTITY : 800/Reel

0.5mm Pitch

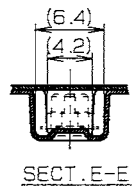
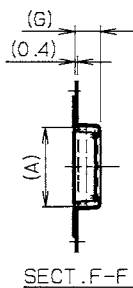
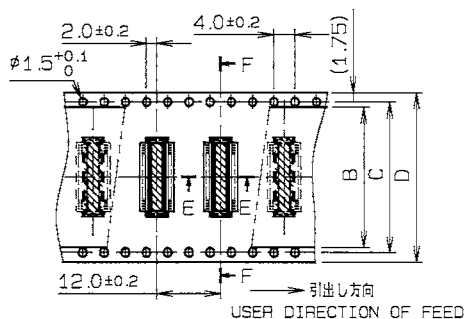
SERIES

5047

エンボス (嵌合高さ=5.0, 7.0mm)

Tape and Reel Package (Stacking Height=5.0, 7.0mm)

●Plug



Stacking Height	G
H=5.0	4.8
H=7.0	6.8

極数 NO.OF POS.	A Metal Tab		B	C	D
	With	Without			
20	9.5	7.5	26.5	28.4	32.0
30	12.0	10.0			
40	14.5	12.5			
50	17.0	15.0			
60	19.5	17.5			
70	22.0	20.0	38.5	40.4	44.0
80	24.5	22.5			
90	27.0	25.0			
100	29.5	27.5			
110	32.0	30.0			
120	34.5	32.5			

注文コード ORDERING CODE

14 5047 XXX XX0 XXXX

RoHS 対応品

RoHS Compliant Product

856+ : Au 0.1 μ m/MIN

861+ : Au 0.2 μ m/MIN

5 : 嵌合高さ5.0mm Stacking Height=5.0mm

7 : 嵌合高さ7.0mm Stacking Height=7.0mm

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

4 : 吸着テープ無 金具無 Without vacuum tape or metal tab

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

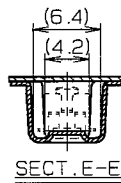
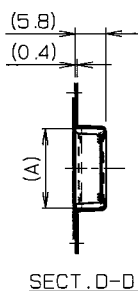
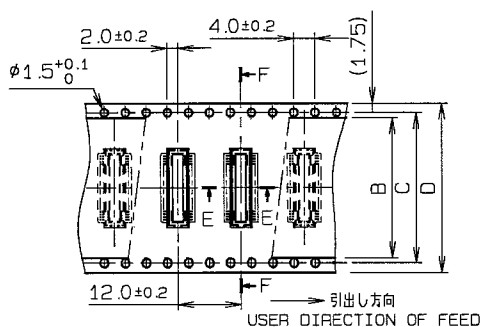
1 : 吸着テープ無 金具付 Without vacuum tape, With metal tab

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 : 800個/リール
PACKING QUANTITY : 800/Reel

●Receptacle



極数 NO.OF POS.	A Metal Tab		B	C	D
	With	Without			
20	9.5	7.5	26.5	28.4	32.0
30	12.0	10.0			
40	14.5	12.5			
50	17.0	15.0			
60	19.5	17.5			
70	22.0	20.0	38.5	40.4	44.0
80	24.5	22.5			
90	27.0	25.0			
100	29.5	27.5			
110	32.0	30.0			
120	34.5	32.5			

注文コード ORDERING CODE

24 5047 XXX X00 XXXX

RoHS 対応品

RoHS Compliant Product

856+ : Au 0.1 μ m/MIN

861+ : Au 0.2 μ m/MIN

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

4 : 吸着テープ無 金具無 Without vacuum tape or metal tab

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

1 : 吸着テープ無 金具付 Without vacuum tape, With metal tab

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 : 800個/リール
PACKING QUANTITY : 800/Reel