

0.5mmPitch

Series 5604



シリーズ (Series)	5604
基板間高さ (Stacking Height)	1.5mm/2.0mm/2.4mm
極間隔 (Pitch)	0.5mm
極数 (No. of Positions)	50 ~ 170
定格電流 (Rated Current)	AC/DC 0.5A
定格電圧 (Rated Voltage)	AC/DC 50V
耐電圧 (D.W.Voltage)	AC 250Vrms/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 5604

概要

5604シリーズは、ノートパソコン・デジタルAV機器等の急速な小型化や薄型化に対応する、0.5mmピッチの基板対基板コネクタです。基板間高さ1.5mm/2.0mm/2.4mmのバリエーションを揃え、端子を含めた幅寸法は5.3mmを実現しました。

Outline

Series 5604 is a 0.5mm pitch, low profile, and space-efficient, Board to Board connector that responds to a surge of downsizing and slimming requirements for notebook-PCs, digital AV equipment and etc. 1.5mm, 2.0mm and 2.4mm in stacking height and 5.3mm in width including tails are realized.

特長

- (1) 極数展開は50極から170極と多極です。
- (2) 嵌合高さH=1.5mm、H=2.0mm、H=2.4mmを取り揃えています。
- (3) 低背でありながらも、嵌合安定性に優れ、クリック感の向上により、確実な作業を可能にしています。

Features

- (1) Multiple contacts from 50 to 170 are available.
- (2) 1.5mm, 2.0mm and 2.4mm in stacking height are available.
- (3) It achieves very low profile, it assures stable mated condition and improves the clicking feeling, which can ensure the proper mating action work.

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。

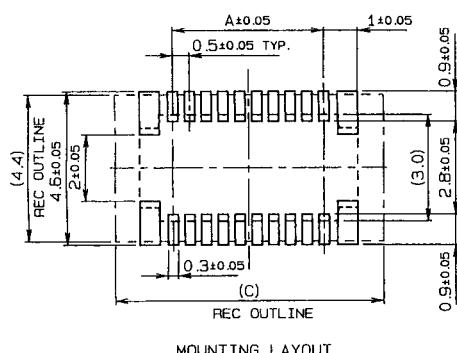
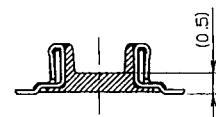
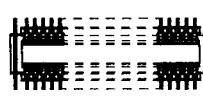
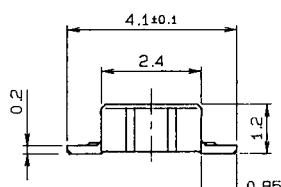
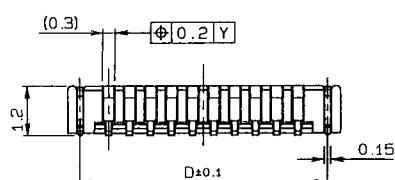
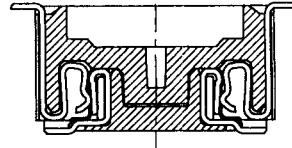
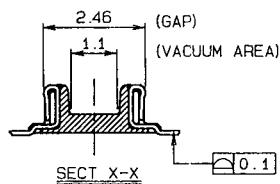
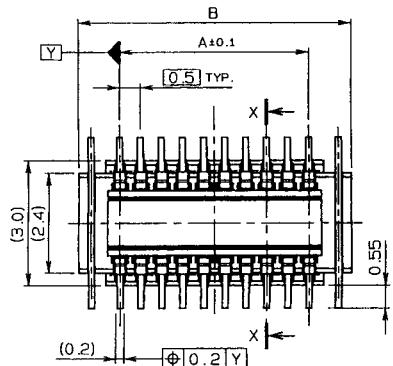
Recommended plating types are mentioned in this catalogue.
For other plating types and their specifications, and available numbers of positions, please feel free to contact our sales department.

0.5mm Pitch

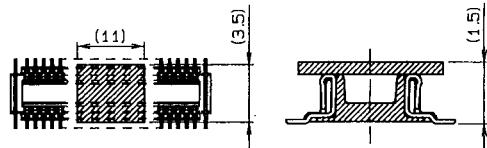
SERIES

5604

プラグ ST SMT
Plug Vertical SMT



MOUNTING LAYOUT



吸着クリップ位置
POSITION OF VACUUM CLIP

極数 NO. OF POS.	寸法 DIMENSION			
	A	B	C	D
60	14.5	16.5	18.0	15.9
80	19.5	21.5	23.0	20.9
100	24.5	26.5	28.0	25.9
120	29.5	31.5	33.0	30.9
140	34.5	36.7	38.2	36.1
170	42.0	44.2	45.7	43.6

注文コード ORDERING CODE

1X 5604 XXX XXX 829+

RoHS 対応品

RoHS Compliant Product

極数 Number of positions
(60 ~ 140 Positions)

012 : 吸着クリップ無し Without vacuum clip
014 : 吸着クリップ無し(140Pのみ) Without vacuum clip(140 Pos. Only)
212 : 吸着クリップ付 With vacuum clip

4 : 通常エンボス Tape & Reel (Color Clear)

5 : ESDタイプ (色 : 黒) ESD type Tape & Reel (Color Black)

注文コード ORDERING CODE

14 5604 170 014 829 H+

RoHS 対応品

RoHS Compliant Product

014 : 吸着クリップ無し Without vacuum clip
極数 Number of positions
170 : 170 Positions

4 : 通常エンボス Tape & Reel (Color Clear)

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 : 2000個/リール
PACKING QUANTITY : 2000/Reel

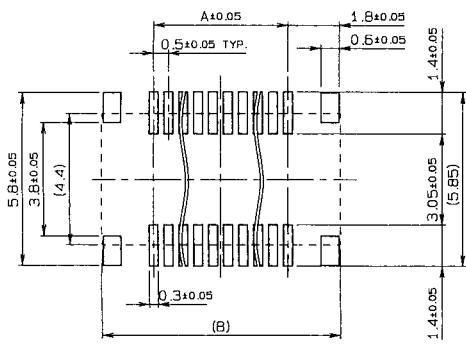
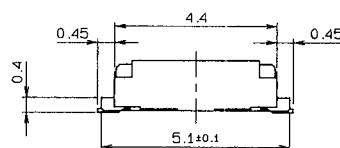
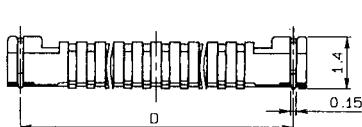
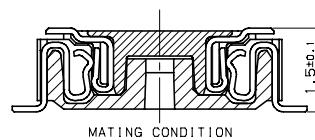
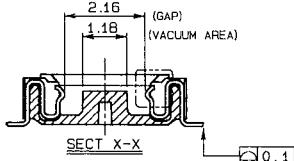
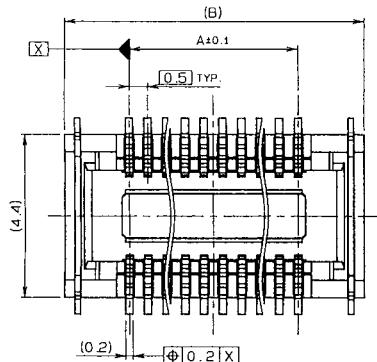
0.5mm Pitch

SERIES

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リセ ST SMT (嵌合高さ = 1.5mm)

Receptacle Vertical SMT (Stacking Height = 1.5mm)



極数 NO.OF POS.	寸法 DIMENSION		
	A	B	D
140	34.5	38.2	37.5
170	42.0	45.7	45.0

MOUNTING LAYOUT

注文コード ORDERING CODE
24 5604 XXX 004 829+

RoHS 対応品
RoHS Compliant Product

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 : 2000個 / リール
PACKING QUANTITY : 2000/Reel

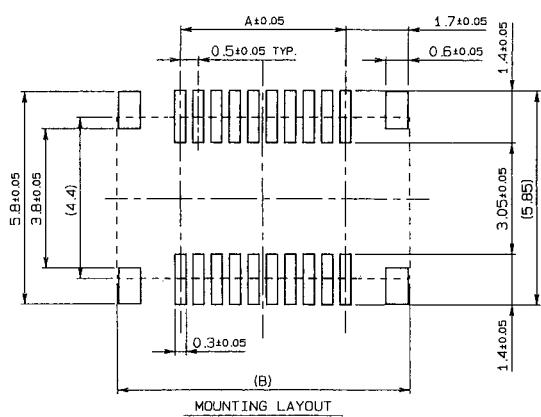
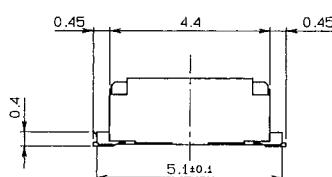
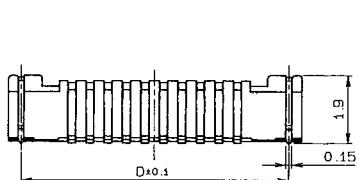
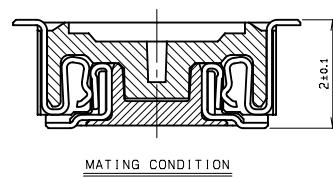
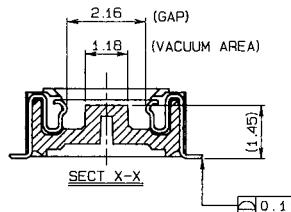
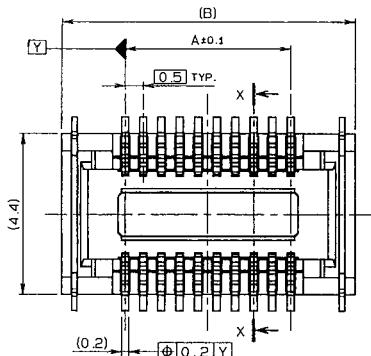
0.5mm Pitch

SERIES

5604

リセ ST SMT 80極 (嵌合高さ = 2.0mm)

Receptacle Vertical SMT 80 Positions (Stacking Height = 2.0mm)



極 数 NO. OF POS.	寸法 DIMENSION		
	A	B	D
80	19.5	23.0	22.3

注文コード ORDERING CODE
24 5604 080 012 829+

RoHS対応品
RoHS Compliant Product

梱包数量：2000個/リール
PACKING QUANTITY : 2000/Reel

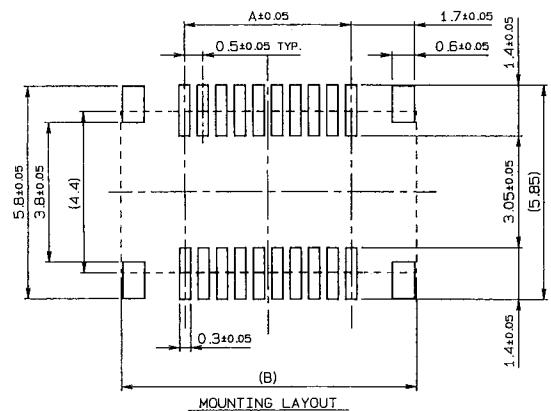
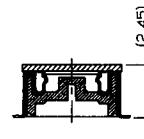
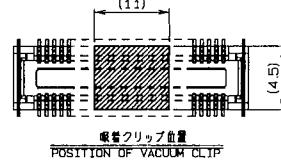
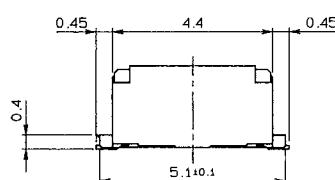
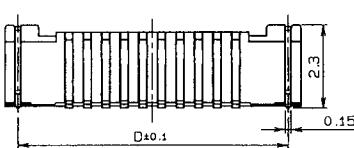
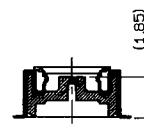
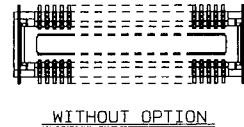
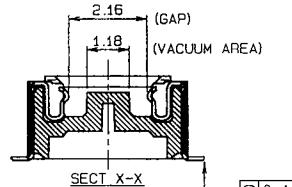
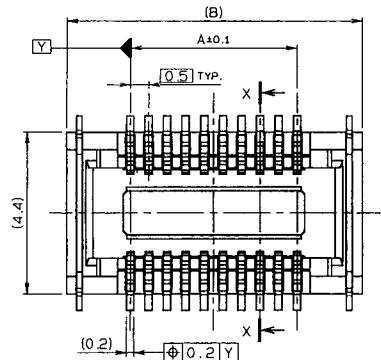
0.5mm Pitch

SERIES

5604

リセ ST SMT (嵌合高さ = 2.4 mm)

Receptacle Vertical SMT (Stacking Height = 2.4 mm)



極数 NO. OF POS.	寸法 DIMENSION		
	A	B	D
60	14.5	18.0	17.3
80	19.5	23.0	22.3
100	24.5	28.0	27.3
120	29.5	33.0	32.3

注文コード ORDERING CODE
2X 5604 XXX XXX 829+

RoHS 対応品
RoHS Compliant Product

022 : 吸着クリップ無し Without vacuum clip

222 : 吸着クリップ付 With vacuum clip

極数 Number of positions

4 : 通常エンボス Tape & Reel (Color Clear)

5 : ESDタイプ (色 : 黒) ESD type Tape & Reel (Color Black)

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 : 2000個/リール

PACKING QUANTITY : 2000/Reel

0.5mm Pitch

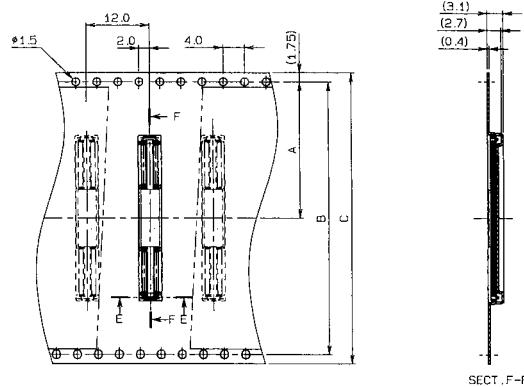
SERIES

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プラグ/リセ エンボス梱包

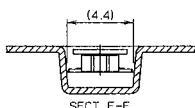
Plug/Receptacle Tape and Reel Package

Plug



極数 NO. OF POS.	寸法 DIMENSION		
	A	B	C
60	14.2	28.4	32
80	20.2	40.4	44
100	20.4	40.4	44
120	26.2	52.4	56
140	26.2	52.4	56
170	34.2	68.4	72

極数 Number of positions (50 ~ 140P)



注文コード ORDERING CODE

1X 5604 XXX XXX 829+

RoHS 対応品

RoHS Compliant Product

極数 Number of positions
(60 ~ 140 Positions)

012 : 吸着クリップ無し Without vacuum clip

014 : 吸着クリップ無し(140Pのみ) Without vacuum clip(140pos. Only)

212 : 吸着クリップ付 With vacuum clip

4 : 通常エンボス Tape & Reel (Color Clear)

5 : ESDタイプ (色 : 黒) ESD type Tape & Reel (Color Black)

注文コード ORDERING CODE

14 5604 170 014 829 H+

RoHS 対応品

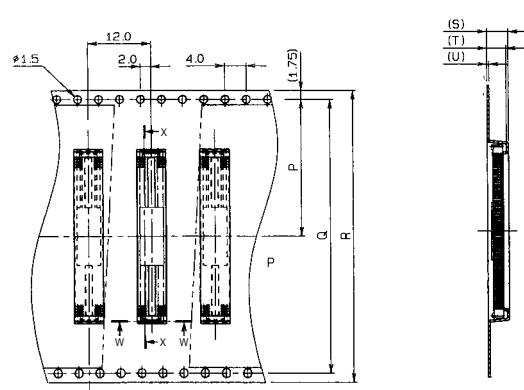
RoHS Compliant Product

極数 Number of positions
170 : 170 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.

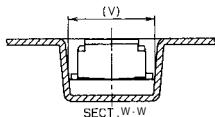
梱包数量 : 2000個/リール
PACKING QUANTITY : 2000/Reel

Receptacle



極数 NO. OF POS.	寸法 DIMENSION		
	P	Q	R
60	14.2	28.4	32
80	20.2	40.4	44
100	20.4	40.4	44
120	26.2	52.4	56
140	26.2	52.4	56
170	34.2	68.4	72

SECT. X-X



	S	T	U	V
H = 1.5	3.15	2.75	0.4	5.50
H = 2.0	3.65	3.25	0.4	5.62
H = 2.4	4.05	3.65	0.4	5.62

注文コード ORDERING CODE

2X 5604 XXX XXX 829+

RoHS 対応品

RoHS Compliant Product

極数 Number of positions

004 : 吸着クリップ無し(H = 1.5mm) Without vacuum clip

012 : 吸着クリップ無し(H = 2.0mm)(80Pのみ) Without vacuum clip (80 Pos. Only)

022 : 吸着クリップ無し(H = 2.4mm) Without vacuum clip

222 : 吸着クリップ付(H = 2.4mm) With vacuum clip

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 : 2000個/リール
PACKING QUANTITY : 2000/Reel