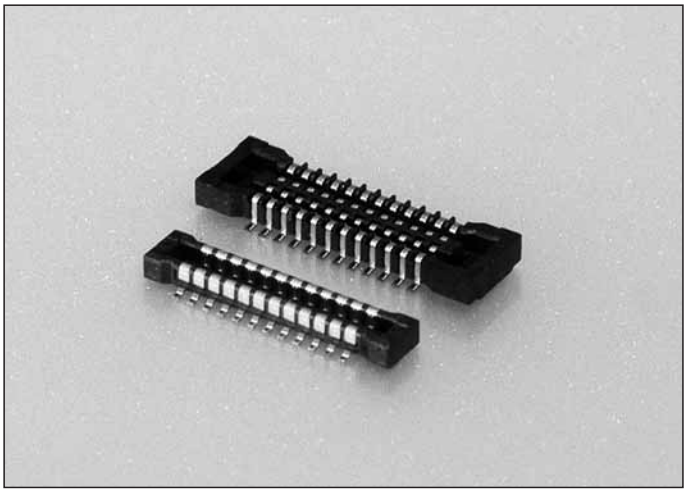
0.4mmPitch Series 5804



シリーズ (Series)	5804
基板間高さ (Stacking Height)	0.9mm/1.5mm
極間隔 (Pitch)	0.4mm
極数 (No. of Positions)	10〜100
定格電流 (Rated Current)	DC 0.3A
定格電圧 (Rated Voltage)	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)	−40〜85℃

SERIES 5804

◇概要
5804シリーズは、市場における携帯電話やデジタルAV機器等の小型化、薄型化の要求に基づき開発された0.4mmピッチ、嵌合高さ0.9mm/1.5mmの低背基板対基板コネクタです。幅寸法は2.4mmと、より一層の省面積化を実現しています。

◇Outline
Series 5804 is a 0.4mm pitch and low profile Board to Board connector with 0.9mm/1.5mm in mating height is developed to meet marketing needs for minimum size of cell phones, digital AV equipment, etc. A great deal of space saving is achieved with 2.4mm in width.

◇特長
(1) スリム・低背でありながらコネクタ裏面に下壁を設け金属の露出がなく、製品の端子ランド対向間にパターン配線が可能であり、高密度実装に最適な構造です。
(2) 高い接触信頼性を実現するために、接触構造は振動や落下衝撃に強い挟み込み構造を採用するとともに、接触部は飛散したフラックスや付着した異物を排除する独自の構造を採用しました。
(3) 嵌合時のロック構造は、独自のロック構造を採用。低背でありながらも優れたクリック感と、抜去時の保持力を強化しています。

◇Features
(1) Pattern can be laid out between connector leads, which is suitable for high density package, because no metal is exposed on the bottom of the connector besides its slim and low profile.
(2) The pinching structure, highly resistant to vibration and drop shock, is adopted in contacts and the original structure excluding splashed flux or foreign matters attached is adopted on contacting points in order to obtain high contacting reliability.
(3) Original locking structure is adopted for mating lock mechanism that realizes the firm clicking response and enhances the retention force when connectors unmated even with their low profile.

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.

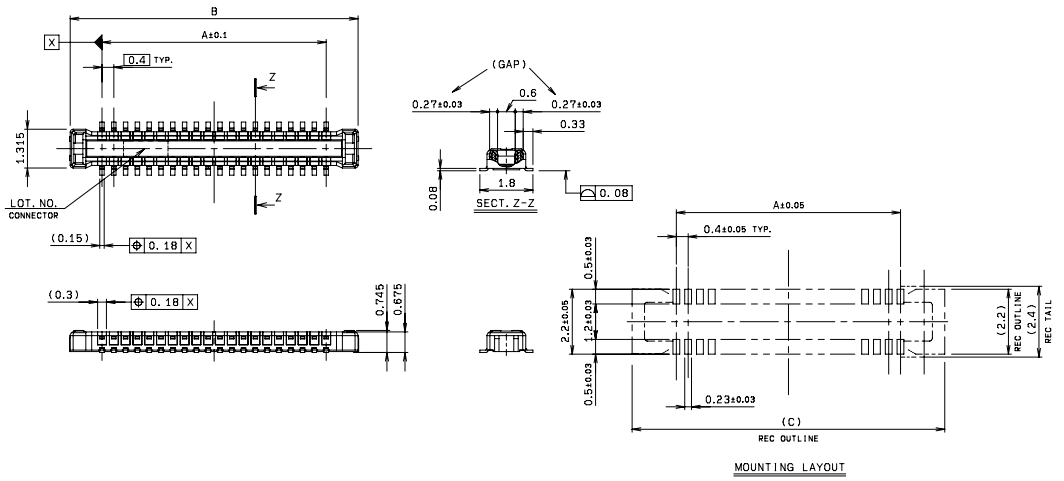
0.4mm Pitch

SERIES

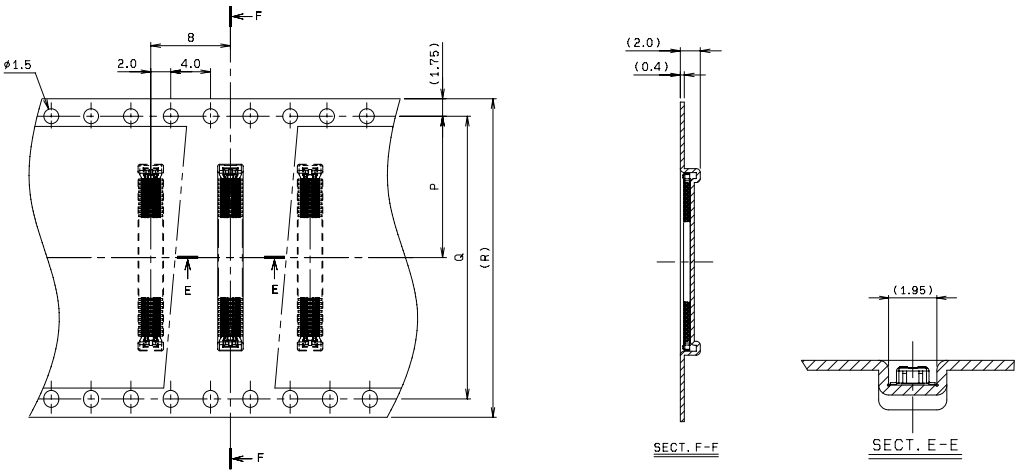
5804

プラグ ST SMT（嵌合高さ＝0.9mm）

Plug Vertical SMT（Stacking Height＝0.9mm）



極数 NO. OF POS.	A	B	C
10	1.6	3.76	4.6
12	2.0	4.16	5.0
14	2.4	4.56	5.4
16	2.8	4.96	5.8
18	3.2	5.36	6.2
20	3.6	5.76	6.6
22	4.0	6.16	7.0
24	4.4	6.56	7.4
26	4.8	6.96	7.8
30	5.6	7.76	8.6
32	6.0	8.16	9.0
34	6.4	8.56	9.4
40	7.6	9.76	10.6
44	8.4	10.56	11.4
50	9.6	11.76	12.6
54	10.4	12.56	13.4
60	11.6	13.76	14.6



極数 NO. OF POS.	P	Q	R
10	5.5	-	12.0
12	5.5	-	12.0
14	7.5	-	16.0
16	7.5	-	16.0
18	7.5	-	16.0
20	7.5	-	16.0
22	7.5	-	16.0
24	7.5	-	16.0
26	7.5	-	16.0
30	7.5	-	16.0
32	7.5	-	16.0
34	11.5	-	24.0
40	11.5	-	24.0
44	11.5	-	24.0
50	11.5	-	24.0
54	11.5	-	24.0
60	11.5	-	24.0

注文コード ORDERING CODE

14 5804 0XX 000 829+

極数 Number of positions

RoHS対応品
RoHS Compliant Product

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：3000個/リール
PACKING QUANTITY：3000/Reel

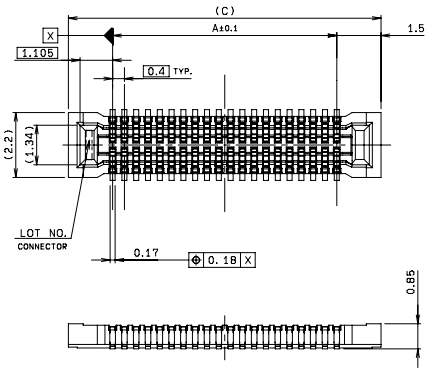
0.4mm Pitch

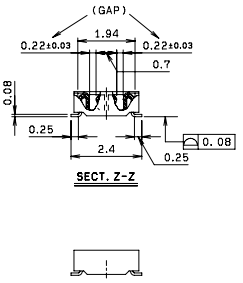
SERIES

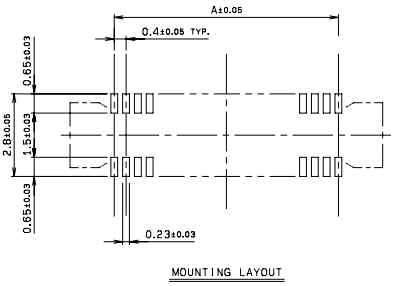
5804

リセ ST SMT（嵌合高さ＝0.9mm）

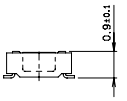
Receptacle Vertical SMT（Stacking Height＝0.9mm）

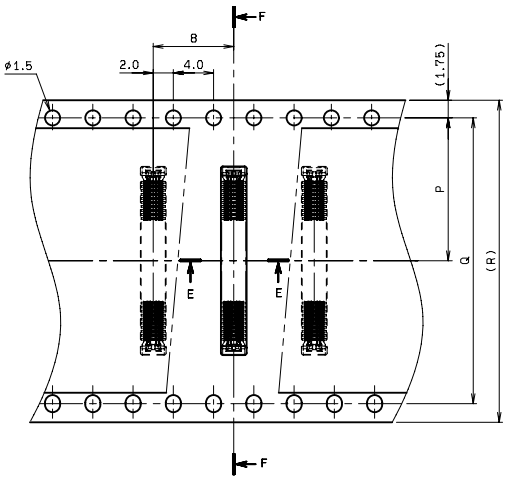


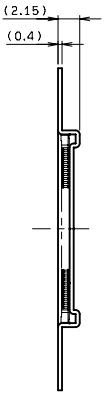


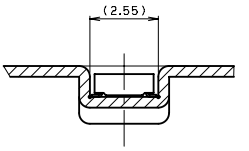


極数 NO. OF POS.	A	C
10	1.6	4.6
12	2.0	5.0
14	2.4	5.4
16	2.8	5.8
18	3.2	6.2
20	3.6	6.6
22	4.0	7.0
24	4.4	7.4
26	4.8	7.8
30	5.6	8.6
32	6.0	9.0
34	6.4	9.4
40	7.6	10.6
44	8.4	11.4
50	9.6	12.6
54	10.4	13.4
60	11.6	14.6









極数 NO. OF POS.	P	Q	R
10	5.5	-	12.0
12	5.5	-	12.0
14	7.5	-	16.0
16	7.5	-	16.0
18	7.5	-	16.0
20	7.5	-	16.0
22	7.5	-	16.0
24	7.5	-	16.0
26	7.5	-	16.0
30	7.5	-	16.0
32	7.5	-	16.0
34	11.5	-	24.0
40	11.5	-	24.0
44	11.5	-	24.0
50	11.5	-	24.0
54	11.5	-	24.0
60	11.5	-	24.0

注文コード ORDERING CODE

24 5804 0XX 000 829+

極数 Number of positions

RoHS対応品
RoHS Compliant Product

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：3000個/リール
PACKING QUANTITY：3000/Reel

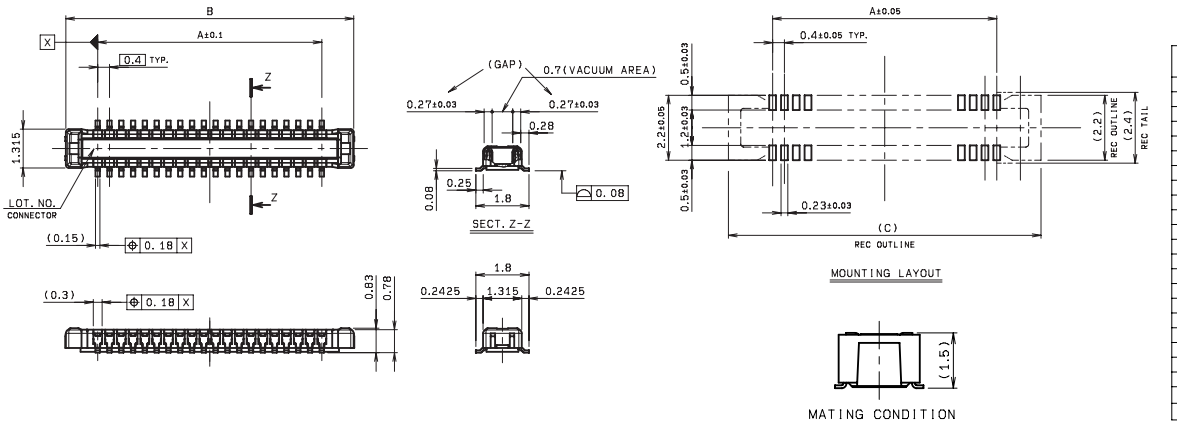
0.4mm Pitch

SERIES

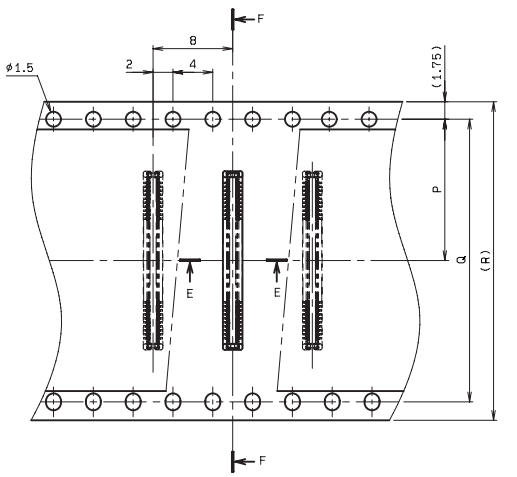
5804

プラグ ST SMT（嵌合高さ＝1.5mm）

Plug Vertical SMT（Stacking Height＝1.5mm）



極数 NO. OF POS.	A	B	C
10	1.6	3.76	4.6
12	2.0	4.16	5.0
14	2.4	4.56	5.4
16	2.8	4.96	5.8
18	3.2	5.36	6.2
20	3.6	5.76	6.6
22	4.0	6.16	7.0
24	4.4	6.56	7.4
26	4.8	6.96	7.8
30	5.6	7.76	8.6
32	6.0	8.16	9.0
34	6.4	8.56	9.4
40	7.6	9.76	10.6
44	8.4	10.56	11.4
46	8.8	10.96	11.8
50	9.6	11.76	12.6
54	10.4	12.56	13.4
60	11.6	13.76	14.6
64	12.4	14.56	15.4
70	13.6	15.76	16.6
74	14.4	16.56	17.4
80	15.6	17.76	18.6
100	19.6	21.76	22.6



極数 NO. OF POS.	P	Q	R
10	5.5	-	12.0
12	5.5	-	12.0
14	7.5	-	16.0
16	7.5	-	16.0
18	7.5	-	16.0
20	7.5	-	16.0
22	7.5	-	16.0
24	7.5	-	16.0
26	7.5	-	16.0
30	7.5	-	16.0
32	7.5	-	16.0
34	11.5	-	24.0
40	11.5	-	24.0
44	11.5	-	24.0
46	11.5	-	24.0
50	11.5	-	24.0
54	11.5	-	24.0
60	11.5	-	24.0
64	11.5	-	24.0
70	11.5	-	24.0
74	14.2	28.4	32.0
80	14.2	28.4	32.0
100	20.2	40.4	44.0

注文コード ORDERING CODE

14 5804 0XX 050 829+

極数 Number of positions

RoHS対応品
RoHS Compliant Product

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

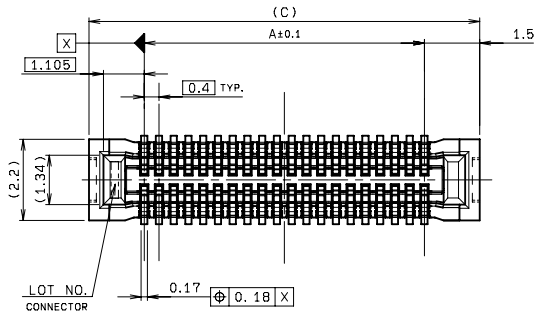
0.4mm Pitch

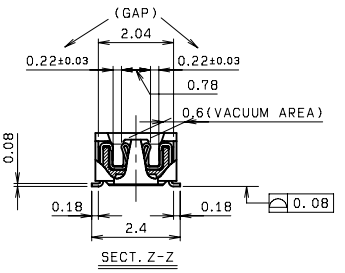
SERIES

5804

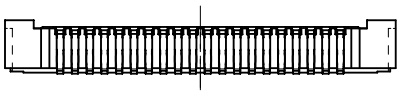
リセ ST SMT（嵌合高さ＝1.5mm）

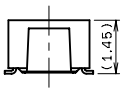
Receptacle Vertical SMT（Stacking Height＝1.5mm）

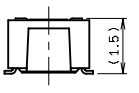




SECT. Z-Z

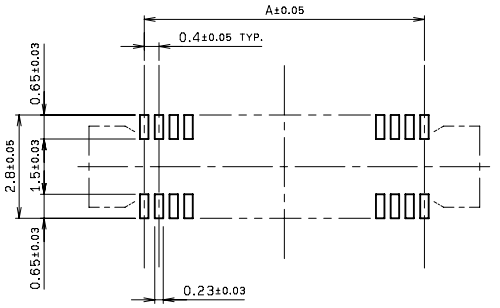




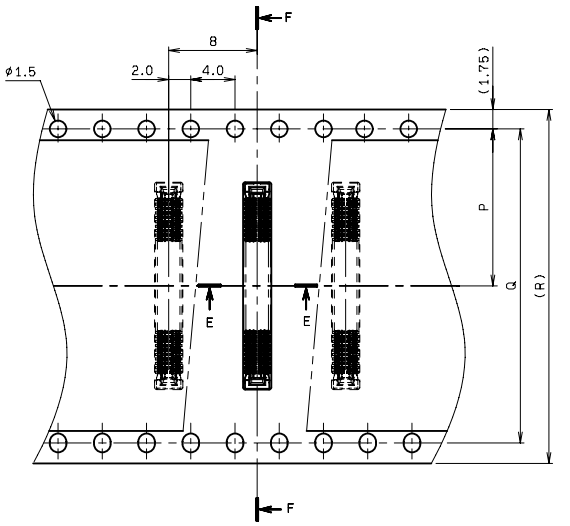


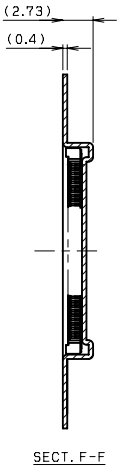
MATING CONDITION

極数 NO. OF POS.	A	C
10	1.6	4.6
12	2.0	5.0
14	2.4	5.4
16	2.8	5.8
18	3.2	6.2
20	3.6	6.6
22	4.0	7.0
24	4.4	7.4
26	4.8	7.8
30	5.6	8.6
32	6.0	9.0
34	6.4	9.4
40	7.6	10.6
44	8.4	11.4
46	8.8	11.8
50	9.6	12.6
54	10.4	13.4
60	11.6	14.6
64	12.4	15.4
70	13.6	16.6
74	14.4	17.4
80	15.6	18.6
100	19.6	22.6

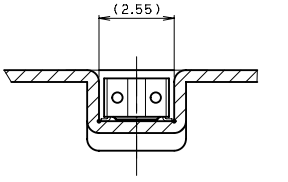


MOUNTING LAYOUT





SECT. F-F



SECT. E-E

極数 NO. OF POS.	P	Q	R
10	5.5	-	12.0
12	5.5	-	12.0
14	7.5	-	16.0
16	7.5	-	16.0
18	7.5	-	16.0
20	7.5	-	16.0
22	7.5	-	16.0
24	7.5	-	16.0
26	7.5	-	16.0
30	7.5	-	16.0
32	7.5	-	16.0
34	11.5	-	24.0
40	11.5	-	24.0
44	11.5	-	24.0
46	11.5	-	24.0
50	11.5	-	24.0
54	11.5	-	24.0
60	11.5	-	24.0
64	11.5	-	24.0
70	11.5	-	24.0
74	14.2	28.4	32.0
80	14.2	28.4	32.0
100	20.2	40.4	44.0

注文コード ORDERING CODE

24 5804 XXX 020 829+

極数 Number of positions

RoHS対応品
RoHS Compliant Product

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