

スプリングプローブ ターゲットコネクタ 8Y254 Series Target Connectors for Spring Probe

2.54mm pitch

Specifications

Dielectric strength : AC200Vrms 1minute
 Insulation resistance : 1000MΩmin
 Capacitance : 1pF max
 Operating temperature : -45°C~+150°C

Materials

Insulator : High temp. thermoplastic
 Body : Brass, Au plating over Ni

How to order

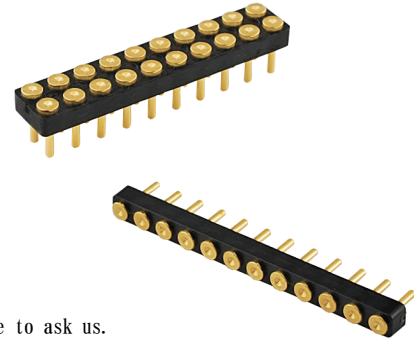
8Y254 - TG SM - 04 S

SM: Surface mount
 SD: Solder dip

S : Single in line
 D : Dual in line

Number of positions : P
 Single in line : 02, 03, 04, 06, 07, 08, 09, 10, 12
 Dual in line : 04, 12, 20(even number)

表示の無い極数については、別途お問い合わせください。
 Regarding other number of positions, please feel free to ask us.

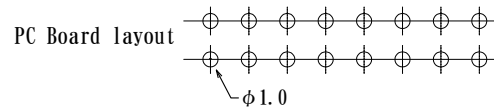
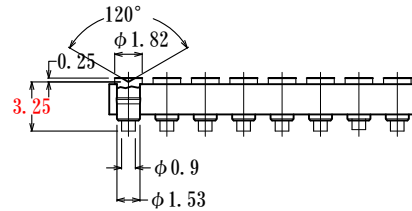
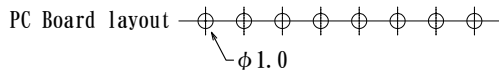
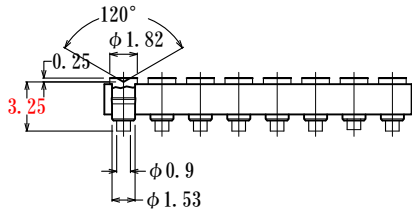


SM : Surface Mount

S : Single In Line

SM : Surface Mount

D : Dual In Line

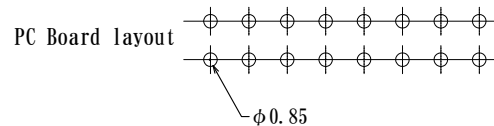
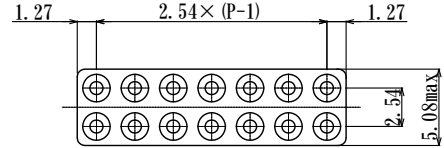
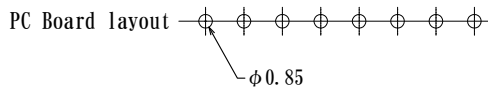
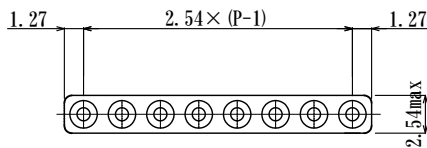


SD : Solder dip

S : Single In Line

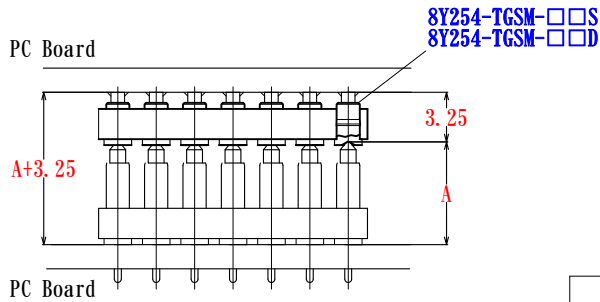
SD : Solder dip

D : Dual In Line



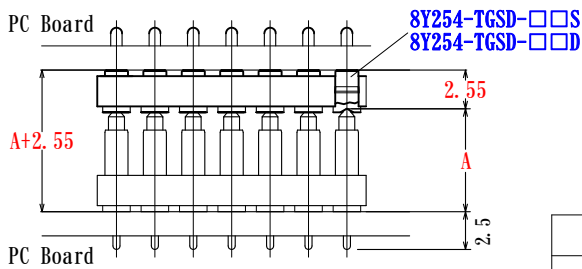
スプリングプローブ ターゲットコネクタ 8Y254 Series Target Connectors for Spring Probe

2.54mm pitch



SM : SMT タイプのときの基板間距離

| Spring Probe Connectors | | :mm | | | | |
|-------------------------|---------------------|----------------|--------------------|-------------|--------|--------|
| SMT type P/N | Solder Dip type P/N | Initial height | Recommended Travel | Full Travel | Line | A+3.25 |
| | | 初期高さ | 推奨ストローク | | | |
| 8Y254-53S10SM-□□S | 8Y254-53S10SD-□□S | 5.3 | 0.7 | 1.0 | Single | 8.55 |
| 8Y254-53S10SM-□□D | 8Y254-53S10SD-□□D | | | | Dual | |
| 8Y254-64S14SM-□□S | 8Y254-64S14SD-□□S | 6.4 | 1.0 | 1.3 | Single | 9.65 |
| 8Y254-64S14SM-□□D | 8Y254-64S14SD-□□D | | | | Dual | |
| 8Y254-74S14SM-□□S | 8Y254-74S14SD-□□S | 7.4 | 1.0 | 1.4 | Single | 10.65 |
| 8Y254-74S14SM-□□D | 8Y254-74S14SD-□□D | | | | Dual | |
| 8Y254-81S17SM-□□S | 8Y254-81S17SD-□□S | 8.1 | 1.1 | 1.7 | Single | 11.35 |
| 8Y254-81S17SM-□□D | 8Y254-81S17SD-□□D | | | | Dual | |
| 8Y254-101S21SM-□□S | 8Y254-101S21SD-□□S | 10.1 | 1.6 | 2.1 | Single | 13.35 |
| 8Y254-101S21SM-□□D | 8Y254-101S21SD-□□D | | | | Dual | |
| 8Y254-113S28SM-□□S* | 8Y254-113S28SD-□□S* | 11.3 | 1.8 | 2.4 | Single | 14.55 |
| 8Y254-113S28SM-□□D* | 8Y254-113S28SD-□□D* | | | | Dual | |
| 8Y254-120S28SM-□□S | 8Y254-120S28SD-□□S | 12.0 | 2.0 | 2.8 | Single | 15.25 |
| 8Y254-120S28SM-□□D | 8Y254-120S28SD-□□D | | | | Dual | |



SD : Solder dip タイプのときの基板間距離

| Spring Probe Connectors | | :mm | | | | |
|-------------------------|---------------------|----------------|--------------------|-------------|--------|--------|
| SMT type P/N | Solder Dip type P/N | Initial height | Recommended Travel | Full Travel | Line | A+2.55 |
| | | 初期高さ | 推奨ストローク | | | |
| 8Y254-53S10SM-□□S | 8Y254-53S10SD-□□S | 5.3 | 0.7 | 1.0 | Single | 7.85 |
| 8Y254-53S10SM-□□D | 8Y254-53S10SD-□□D | | | | Dual | |
| 8Y254-64S14SM-□□S | 8Y254-64S14SD-□□S | 6.4 | 1.0 | 1.3 | Single | 8.95 |
| 8Y254-64S14SM-□□D | 8Y254-64S14SD-□□D | | | | Dual | |
| 8Y254-74S14SM-□□S | 8Y254-74S14SD-□□S | 7.4 | 1.0 | 1.4 | Single | 9.95 |
| 8Y254-74S14SM-□□D | 8Y254-74S14SD-□□D | | | | Dual | |
| 8Y254-81S17SM-□□S | 8Y254-81S17SD-□□S | 8.1 | 1.1 | 1.7 | Single | 10.65 |
| 8Y254-81S17SM-□□D | 8Y254-81S17SD-□□D | | | | Dual | |
| 8Y254-101S21SM-□□S | 8Y254-101S21SD-□□S | 10.1 | 1.6 | 2.1 | Single | 12.65 |
| 8Y254-101S21SM-□□D | 8Y254-101S21SD-□□D | | | | Dual | |
| 8Y254-113S28SM-□□S* | 8Y254-113S28SD-□□S* | 11.3 | 1.8 | 2.4 | Single | 13.85 |
| 8Y254-113S28SM-□□D* | 8Y254-113S28SD-□□D* | | | | Dual | |
| 8Y254-120S28SM-□□S | 8Y254-120S28SD-□□S | 12.0 | 2.0 | 2.8 | Single | 14.55 |
| 8Y254-120S28SM-□□D | 8Y254-120S28SD-□□D | | | | Dual | |

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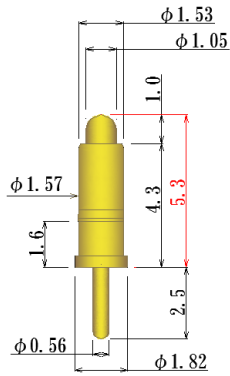
スプリングプローブ 8Y254B Series Spring Probe Pins

Specifications

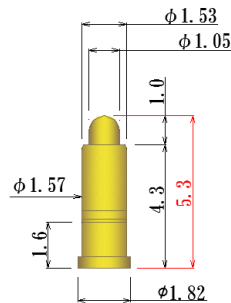
| | |
|-----------------------|----------------------|
| Contact resistance | : 50mΩmax * |
| Durability | : 100,000 cycles min |
| Operating temperature | : -45℃~+150℃ |

Materials

| | |
|-------------|---|
| Barrel | : Brass, Au, over Ni |
| Plunger | : Brass, Au plating over Ni over Ni plating |
| Spring Coil | : Stainless steel, Au plating |

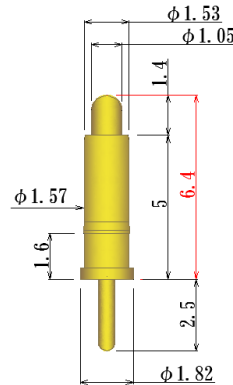


8Y254B-H53S10-SD

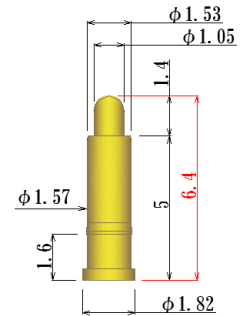


8Y254B-H53S10-SM

Full travel 1.0mm
0.98N (100gf) at 0.7mm travel
(recommended travel)



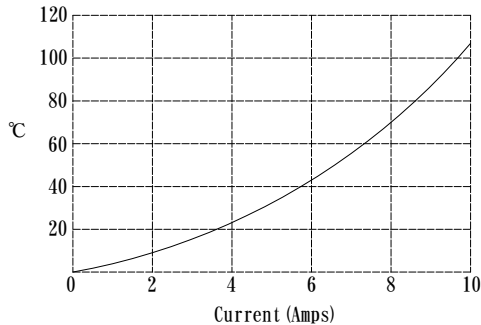
8Y254B-H64S14-SD



8Y254B-H64S14-SM

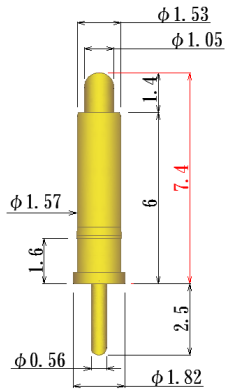
Full travel 1.3mm
0.98N (100gf) at 1.0mm travel
(recommended travel)

8Y254B-H120S28-SM (Page 5A9)
Temperature Rise (Reference)



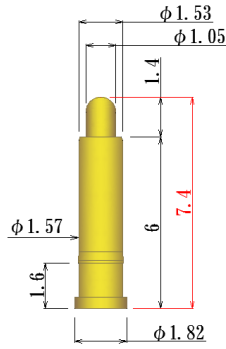
*接触する対象が金メッキの基板、又は金メッキの金属の場合です。
*推奨ストローク位置で静的接触（動きのない接触）の場合です。
*In case of Gold plated PC board land or Gold plated metal for the mating surface.
*At recommended stroke and Static contacting to the target. (The target shall be motionless.)

スプリングプローブ
8Y254B Series Spring Probe Pins

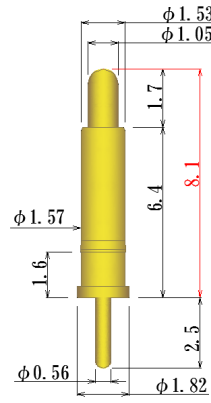


8Y254B-H74S14-SD

Full travel 1.4mm
0.98N (100gf) at 1.0mm travel (recommended travel)

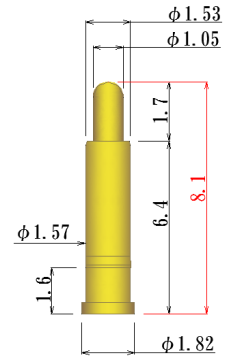


8Y254B-H74S14-SM

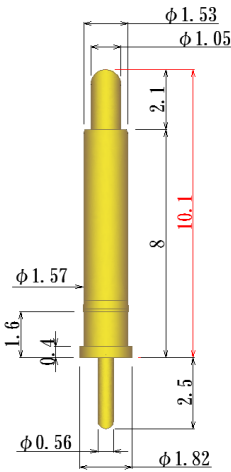


8Y254B-H81S17-SD

Full travel 1.7mm
0.98N (100gf) at 1.1mm travel (recommended travel)

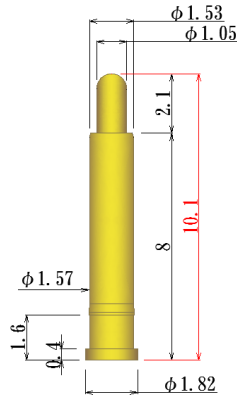


8Y254B-H81S17-SM

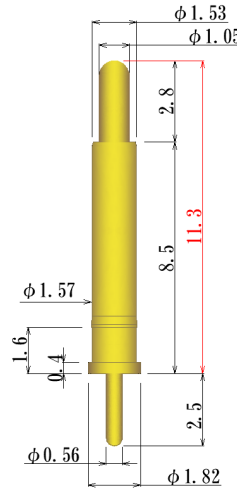


8Y254B-H101S21-SD

Full travel 2.1mm
0.98N (100gf) at 1.6mm travel (recommended travel)

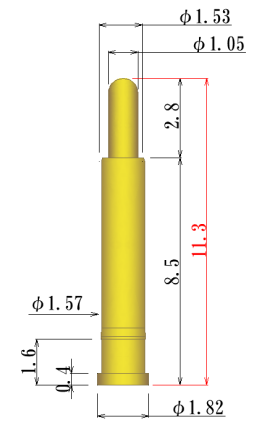


8Y254B-H101S21-SM

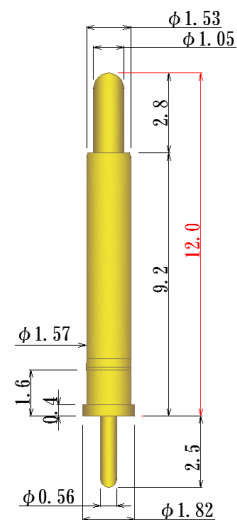


8Y254B-H113S28-SD*

Full travel 2.4mm
0.98N (100gf) at 1.8mm travel (recommended travel)

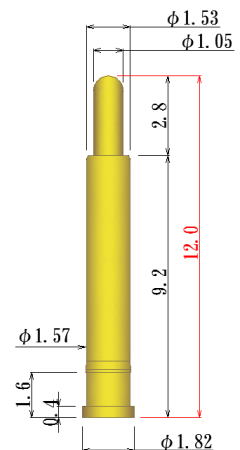


8Y254B-H113S28-SM*



8Y254B-H120S28-SD

Full travel 2.8mm
0.98N (100gf) at 2.0mm travel (recommended travel)



8Y254B-H120S28-SM

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