

スプリングプローブ 8Y254 Series Spring Probes, SMT type

2.54mm pitch
5A max

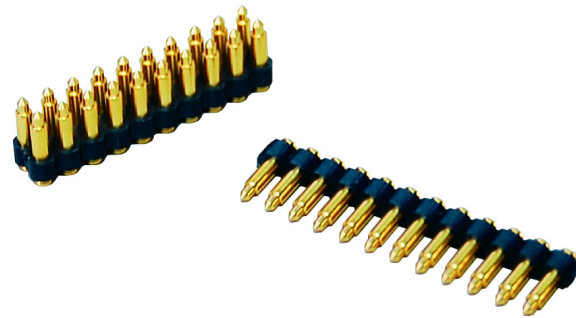
Specifications

Dielectric strength	: AC300Vrms 1minute
Insulation resistance	: 1000MΩmin
Contact resistance	: 50mΩmax *
Capacitance	: 1pF max
Current rating at 25°C	: DC 5.0A continuous *
Durability	: 1,000,000 cycles
Operating temperature	: -45°C ~ +130°C

Material

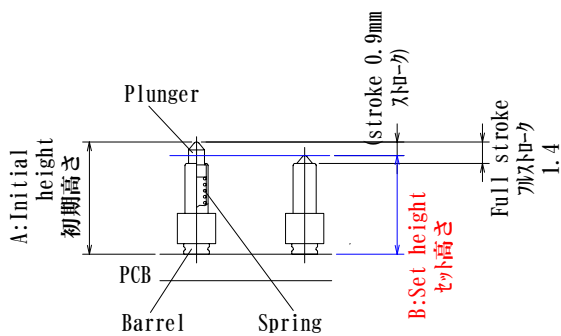
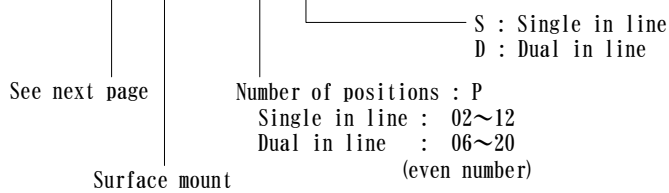
Insulator	: High temp. thermoplastic
Barrel	: Brass, Au, over Ni
Plunger	: Brass, Au over Ni
Spring	: Copper alloy

Call us for your custom specification.

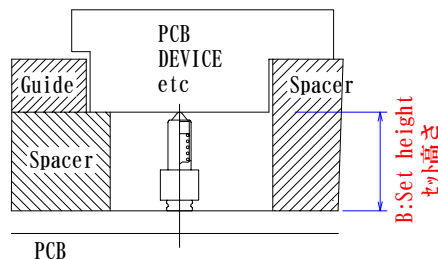


How to order:

8Y254 - 56 SM - 12 S



How to use



Current rating table 定格電流値表

Positions	通電極数	Current rating 定格電流 A
4		5.0
6		4.5
8		4.1
10		3.7
12		3.1

注1. 実装基板の導体部の定格電流の影響を受けます

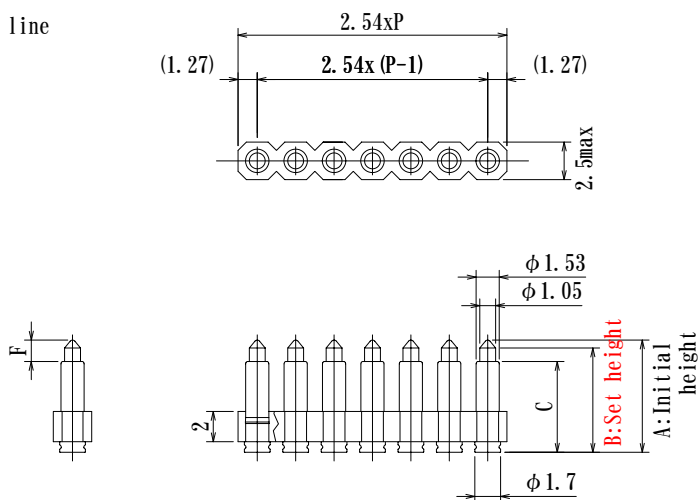
*In case of Gold plated PCB land or Gold plated metal for the mating surface.
 *接触する対象が金メッキの基板、又は金メッキの金属の場合です

スプリングプローブ

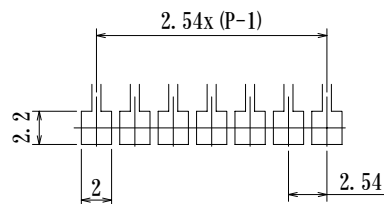
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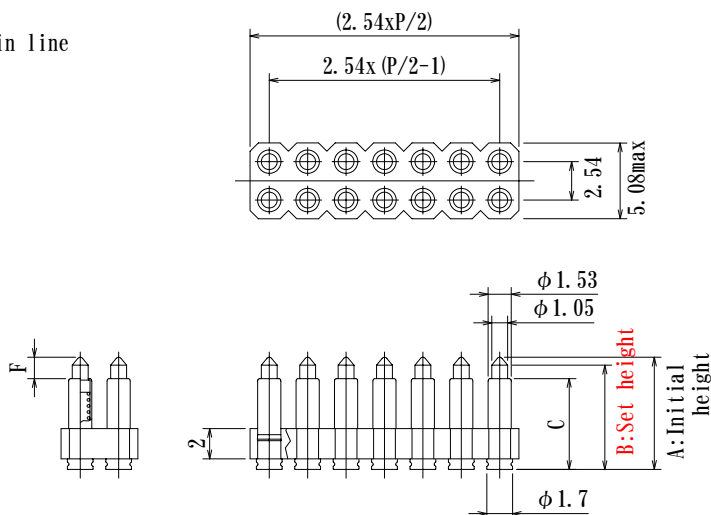
Single in line



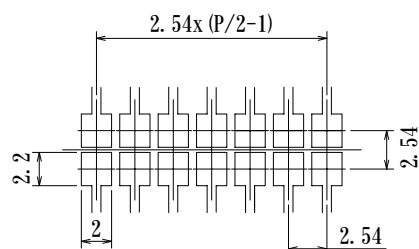
PC Layout



Dual in line



PC Layout



Product table

P/N	Line	A	B	S	C	Load 荷重	F:Full stroke	Stroke vs Load	:mm (Pin)
		Initial height 初期高さ	Set height セット高さ	Stroke ストローク	Barrel height バレル高さ				
8Y254-49SM-□□S	Single In Line	5.3	4.8	0.5	4.3	0.54N/55gf	1.0	Fig. 1	8Y254-BE-H53S10-SMT
8Y254-49SM-□□D	Dual In Line								
8Y254-56SM-□□S	Single In Line	6.4	5.6	0.8	5.0	0.54N/55gf	1.4	Fig. 2	8Y254-BE-H64S14-SMT
8Y254-56SM-□□D	Dual In Line								
8Y254-66SM-□□S	Single In Line	7.4	6.6	1.2	6.0	0.49N/50gf	2.1	Fig. 3	8Y254-BE-H101S21-SMT
8Y254-66SM-□□D	Dual In Line								
8Y254-92SM-□□S	Single In Line	10.1	8.9	1.7	8.0	0.54N/55gf	2.8	Fig. 4	8Y254-BE-H120S28-SMT
8Y254-92SM-□□D	Dual In Line								
8Y254-109SM-□□S	Single In Line	12.0	10.3	1.7	9.2	0.54N/55gf	2.8	Fig. 4	8Y254-BE-H120S28-SMT
8Y254-109SM-□□D	Dual In Line								

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Fig. 1

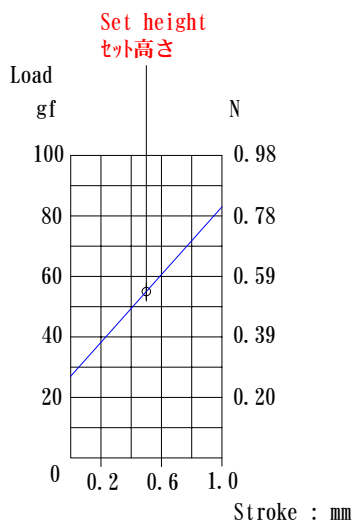


Fig. 2

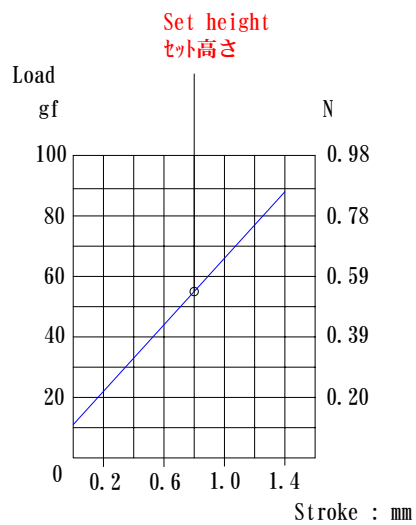


Fig. 3

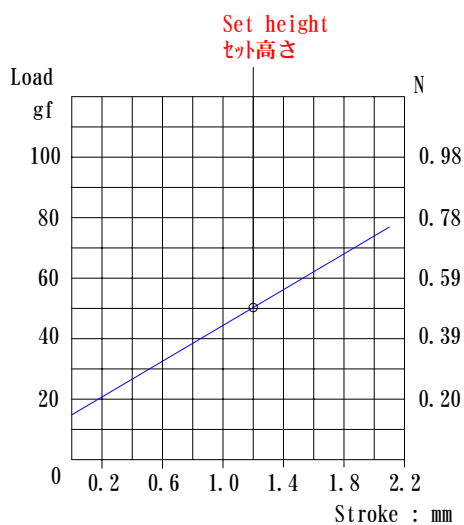


Fig. 4

