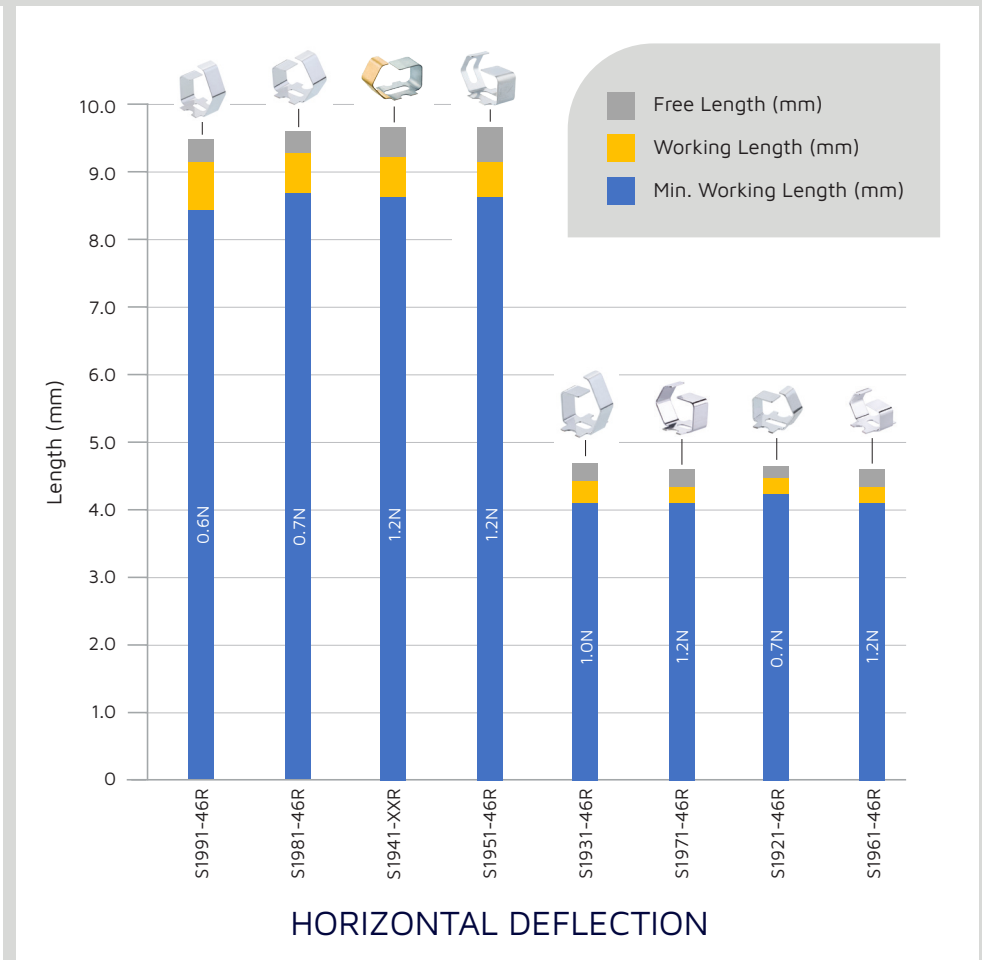
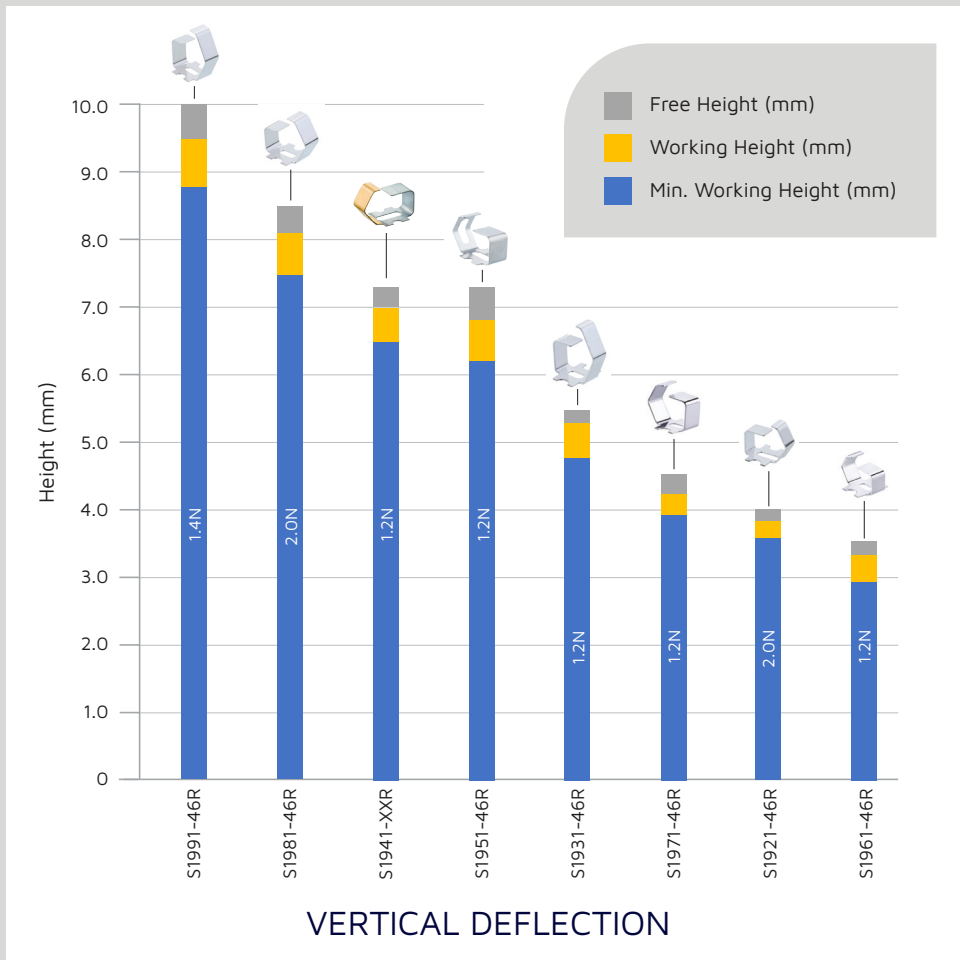


HARWIN

SPRING CONTACTS

MULTI-DIRECTIONAL CONTACTS COMPARISON



Specifications are subject to change.



MULTI-DIRECTIONAL CONTACTS COMPARISON

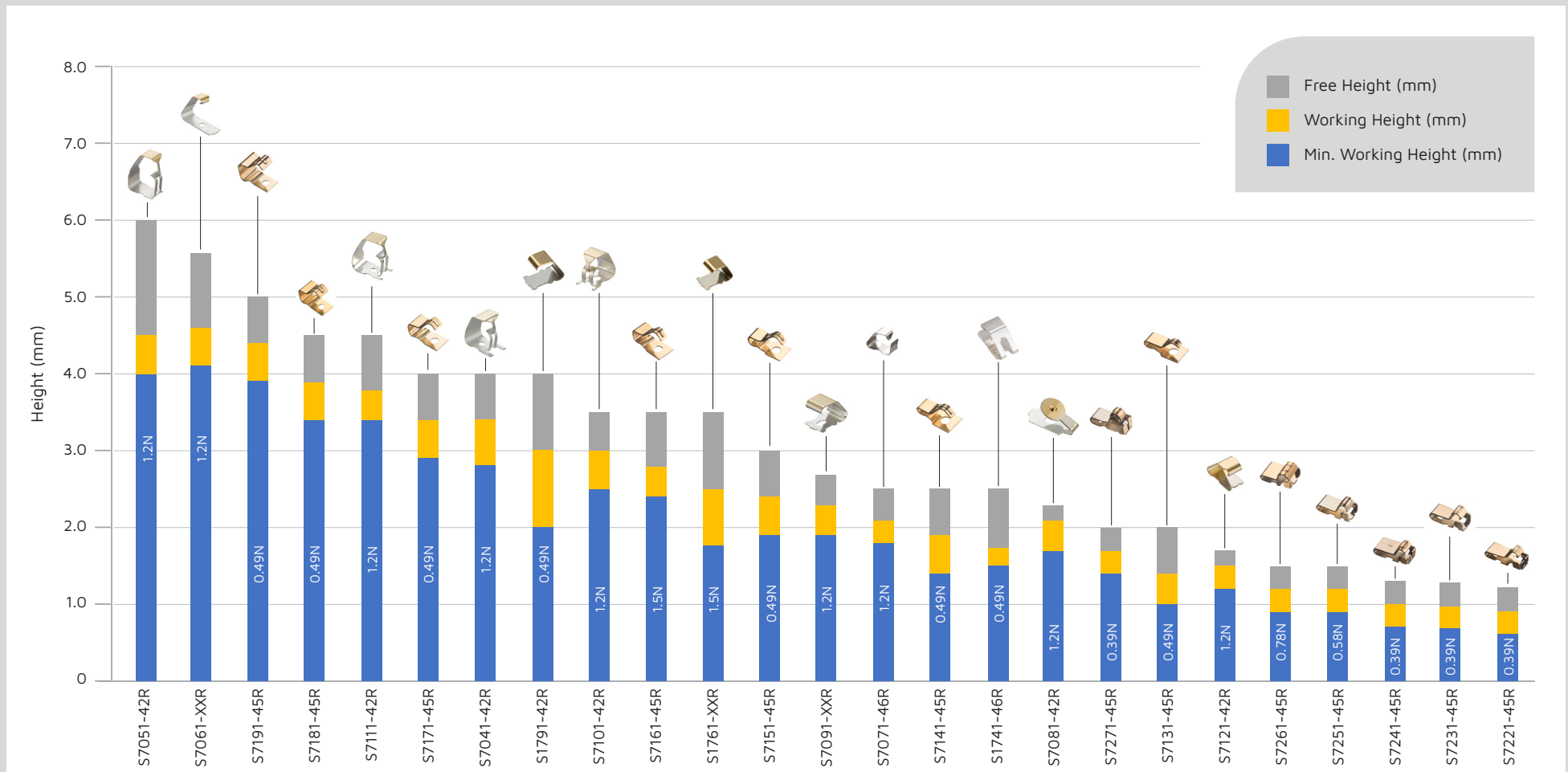
PART NUMBER	FREE HEIGHT (mm)	WORKING HEIGHT MAX-MIN (mm)	SPRING FORCE (N)	FREE LENGTH (mm)	WORKING LENGTH MAX-MIN (mm)	SPRING FORCE (N)	CURRENT (MAX.)	DURABILITY (MIN. CYCLES)	FINISH	OPERATING TEMPERATURE	STYLE
S1991-46R	10.00	9.50-8.80	1.40	9.55	9.15-8.45	0.60	14A	2,500	Tin	-55°C to +125°C	Multi-Directional
S1981-46R	8.50	8.10-7.50	2.00	9.63	9.33-8.73	0.70	14A	2,500	Tin	-55°C to +125°C	Multi-Directional
S1941-42R	7.30	7.00-6.50	1.20	9.65	9.25-8.65	1.20	9A	5,000	Gold/Tin	-55°C to +125°C	Multi-Directional
S1941-46R									Tin		
S1951-46R	7.30	6.80-6.20	1.20	9.65	9.15-8.65	1.20	7A	5,000	Tin	-55°C to +125°C	Multi-Directional
S1931-46R	5.50	5.30-4.80	1.20	4.70	4.45-4.10	1.00	12A	2,500	Tin	-55°C to +125°C	Multi-Directional
S1971-46R	4.55	4.25-3.95	1.20	4.63	4.33-4.13	1.20	14A	5,000	Tin	-40°C to +125°C	Multi-Directional
S1921-46R	4.00	3.85-3.60	2.00	4.65	4.50-4.25	0.70	12A	2,500	Tin	-55°C to +125°C	Multi-Directional
S1961-46R	3.55	3.35-2.95	1.20	4.63	4.43-4.13	1.20	14A	3,000	Tin	-40°C to +125°C	Multi-Directional

Specifications are subject to change.

HARWIN

SPRING CONTACTS

VERTICAL CONTACTS COMPARISON



Specifications are subject to change.



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SPRING CONTACTS

VERTICAL CONTACTS COMPARISON

PART NUMBER	FREE HEIGHT (mm)	WORKING HEIGHT (mm)	MINIMUM WORKING HEIGHT (mm)	SPRING FORCE AT WORKING HEIGHT (N)	CURRENT (MAX.)	DURABILITY (MIN. CYCLES)	FINISH	OPERATING TEMPERATURE	STYLE
S7051-42R	6.00	4.50	4.00	1.20	4A	2,500	Gold/Tin	-55°C to +125°C	Anti-Hooking Box
S7061-42R	5.60	4.60	4.10	1.20	4A	2,500	Gold/Tin	-55°C to +125°C	C shape
S7061-46R							Tin		
S7191-45R	5.00	4.40	3.90	0.49	1A	10,000	Gold	-20°C to +70°C	Extended Antenna
S7181-45R	4.50	3.90	3.40	0.49	1A	10,000	Gold	-20°C to +70°C	Extended Antenna
S7111-42R	4.50	3.80	3.40	1.20	6A	2,000	Gold/Tin	-55°C to +125°C	Anti-Hooking Box
S7171-45R	4.00	3.40	2.90	0.49	1A	10,000	Gold	-20°C to +70°C	Extended Antenna
S7041-42R	4.00	3.40	2.80	1.20	5A	1,500	Gold/Tin	-55°C to +125°C	Anti-Hooking Box
S1791-42R	4.00	3.00	2.00	1.00	3A	1,500	Gold/Tin	-55°C to +125°C	C shape
S7101-42R	3.50	3.00	2.50	1.20	3A	2,500	Gold/Tin	-55°C to +125°C	Anti-Hooking Box
S7161-45R	3.50	2.80	2.40	1.50	1A	10,000	Gold	-20°C to +70°C	Extended Antenna
S1761-42R	3.50	2.50	1.75	1.50	4A	1,500	Gold/Tin	-55°C to +125°C	C shape
S1761-46R							Tin		
S7151-45R	3.00	2.40	1.90	0.49	1A	10,000	Gold	-20°C to +70°C	Extended Antenna

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HARWIN

SPRING CONTACTS

VERTICAL CONTACTS COMPARISON

PART NUMBER	FREE HEIGHT (mm)	WORKING HEIGHT (mm)	MINIMUM WORKING HEIGHT (mm)	SPRING FORCE AT WORKING HEIGHT (N)	CURRENT (MAX.)	DURABILITY (MIN. CYCLES)	FINISH	OPERATING TEMPERATURE	STYLE
S7091-42R	2.70	2.30	1.90	1.20	6A	2,000	Gold/Tin	-55°C to +125°C	C shape
S7091-46R							Tin		
S7071-46R	2.50	2.10	1.80	1.20	5A	3,500	Tin	-55°C to +125°C	C shape
S7141-45R	2.50	1.90	1.40	0.49	1A	10,000	Gold	-20°C to +70°C	Extended Antenna
S1741-46R	2.50	1.75	1.50	0.49	6A	5,000	Tin	-55°C to +125°C	C shape
S7081-42R	2.30	2.10	1.70	1.20	4A	1,000	Gold/Tin	-55°C to +125°C	Dome, C shape
S7271-45R	2.00	1.70	1.40	0.39	1A	10,000	Gold	-40°C to +85°C	Positive Stop
S7131-45R	2.00	1.40	1.00	0.49	1A	10,000	Gold	-20°C to +70°C	Extended Antenna
S7121-42R	1.70	1.50	1.20	1.20	4A	3,000	Gold/Tin	-55°C to +125°C	C shape
S7261-45R	1.50	1.20	0.90	0.78	1A	10,000	Gold	-40°C to +85°C	Positive Stop
S7251-45R	1.50	1.20	0.90	0.58	1A	10,000	Gold	-40°C to +85°C	Positive Stop
S7241-45R	1.30	1.00	0.70	0.39	1A	10,000	Gold	-40°C to +85°C	Positive Stop
S7231-45R	1.28	0.98	0.68	0.39	1A	10,000	Gold	-40°C to +85°C	Positive Stop
S7221-45R	1.23	0.90	0.63	0.39	1A	10,000	Gold	-40°C to +85°C	Positive Stop

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