

Spring Contact Specifications

Materials

Base Metal
 S1741, S7131 to S7191: Phosphor Bronze
 S1941, S1951, S7061-46R: Beryllium Copper
 Others: Titanium Copper
 Finish: See individual product

Environmental

Operating temperature
 S1001: -40°C to +150°C
 S7131 to S7191: -20°C to +70°C
 S7221 to S7271: -40°C to +85°C
 Others: -55°C to +125°C

ORDER CODE	CURRENT (MAX)	DURABILITY (OPERATIONS)	WORKING HEIGHT	FORCE AT WORKING HEIGHT
S1741-46R	6A	5,000	1.75mm	1.50N
S1761-XXR	4A	1,500	2.50mm	1.50N
S1791-42R	3A	1,500	3.00mm	1.00N
S1941-XXR	9A	5,000	6.95mm	1.20N
S1951-46R	7A	5,000	6.75mm	1.20N
S7041-42R	5A	1,500	3.40mm	1.20N
S7051-42R	4A	2,500	4.50mm	1.20N
S7061-XXR	4A	2,500	4.60mm	1.20N
S7071-46R	5A	3,500	2.10mm	1.20N
S7081-42R	4A	1,000	2.10mm	1.20N
S7091-42R	6A	2,000	2.30mm	1.20N
S7101-42R	3A	2,500	3.00mm	1.20N
S7111-42R	6A	2,000	3.80mm	1.20N
S7121-42R	4A	3,000	1.50mm	1.20N
S7131-45R	1A	10,000	1.20mm	0.49N
S7141-45R	1A	10,000	1.65mm	0.49N
S7151-45R	1A	10,000	2.15mm	0.49N
S7161-45R	1A	10,000	2.65mm	0.49N
S7171-45R	1A	10,000	3.15mm	0.49N
S7181-45R	1A	10,000	3.65mm	0.49N
S7191-45R	1A	10,000	4.15mm	0.49N
S7221-45R	1A	10,000	0.90mm	0.39N
S7231-45R	1A	10,000	0.98mm	0.39N
S7241-45R	1A	10,000	1.00mm	0.39N
S7251-45R	1A	10,000	1.20mm	0.58N
S7261-45R	1A	10,000	1.20mm	0.78N
S7271-45R	1A	10,000	1.70mm	0.39N

All dimensions in mm.