



Spring Loaded Contacts

C05603

Issue: 3 C/Order: 34294 Date: 26/06/2024

Connector Part No.	Product Type		Electrical		Mechanical		Operating Heights			Environmental		
	Termination Style	With location pegs?	Current Rating (Max)	Contact Resistance (Max)	Spring Force (See note 2)	Durability (min)	Free Height (Nominal)	Maximum Working Height (minimum compression)	Minimum Working Height (maximum compression)	Operating temperature	Humidity Range (See note 3)	Salt Spray (See note 4)
P70-1000045R	Surface Mount	No	2A	30mΩ	0.88 ±0.29N	10,000 cycles	3.50mm	3.00mm	2.70mm	-40°C to +85°C	-	-
P70-1010045R	Surface Mount	No	2A	30mΩ	1.17 ±0.29N	10,000 cycles	5.00mm	4.20mm	3.70mm	-40°C to +85°C	-	-
P70-1020045R	Surface Mount	No	2A	30mΩ	1.17 +0.29/-0.19N	10,000 cycles	5.50mm	4.70mm	4.20mm	-40°C to +85°C	-	-
P70-1030045R	Surface Mount	No	2A	30mΩ	1.29 ±0.29N	10,000 cycles	7.30mm	6.50mm	6.00mm	-40°C to +85°C	-	-
P70-1100045R	Surface Mount	No	2A	30mΩ	1.22±0.34N	10,000 cycles	6.30mm	5.30mm	4.70mm	-40°C to +85°C	-	-
P70-2000045R	Surface Mount	Yes	2A	30mΩ	1.27 ±0.34N	10,000 cycles	3.60mm	3.10mm	2.85mm	-40°C to +85°C	-	-
P70-2010045R	Surface Mount	Yes	2A	30mΩ	1.32 +0.39/-0.29N	10,000 cycles	5.00mm	4.20mm	3.85mm	-40°C to +85°C	-	-
P70-2100045R	Surface Mount	Yes	2A	30mΩ	0.68 ±0.24N	10,000 cycles	5.50mm	4.70mm	4.20mm	-40°C to +85°C	-	-
P70-2200045	Surface Mount	Yes	2A	30mΩ	0.98 ±0.19N	10,000 cycles	8.20mm	7.20mm	6.40mm	-40°C to +85°C	-	-
P70-2300045R	Surface Mount	Yes	2A	30mΩ	0.83 ±0.25N	10,000 cycles	6.20mm	5.20mm	4.60mm	-40°C to +85°C	-	-
P70-2400045R	Surface Mount	Yes	11A	50mΩ	1.18 ±0.24N	10,000 cycles	10.02mm	8.87mm	7.72mm	-40°C to +85°C	96 hours at 90% RH	48 hours
P70-2410045R	Surface Mount	Yes	12A	50mΩ	1.18 ±0.24N	10,000 cycles	9.60mm	8.45mm	7.30mm	-40°C to +85°C	96 hours at 90% RH	48 hours
P70-2500045R	Surface Mount	No	8A	50mΩ	1.13 ±0.20N	10,000 cycles	2.55mm	2.25mm	1.95mm	-40°C to +85°C	96 hours at 90% RH	48 hours
P70-2510045R	Surface Mount	No	8A	50mΩ	0.59 ±0.20N	10,000 cycles	3.50mm	3.00mm	2.50mm	-40°C to +85°C	96 hours at 90% RH	48 hours
P70-2520045R	Surface Mount	No	8A	50mΩ	0.59 ±0.20N	10,000 cycles	3.90mm	3.40mm	2.90mm	-40°C to +85°C	96 hours at 90% RH	48 hours
P70-2530045R	Surface Mount	No	8A	50mΩ	0.59 ±0.20N	10,000 cycles	4.50mm	3.80mm	3.10mm	-40°C to +85°C	96 hours at 90% RH	48 hours
P70-2540045R	Surface Mount	No	11A	50mΩ	0.88 ±0.20N	10,000 cycles	8.25mm	7.75mm	7.25mm	-40°C to +85°C	96 hours at 90% RH	48 hours
P70-2550045R	Surface Mount	No	8A	50mΩ	0.88 ±0.20N	10,000 cycles	9.00mm	8.50mm	7.75mm	-40°C to +85°C	96 hours at 90% RH	48 hours
P70-2560045R	Surface Mount	No	11A	50mΩ	0.88 ±0.20N	10,000 cycles	8.40mm	7.70mm	7.00mm	-40°C to +85°C	96 hours at 90% RH	48 hours
P70-2570045R	Surface Mount	No	8A	50mΩ	0.88 ±0.20N	10,000 cycles	8.25mm	7.75mm	7.25mm	-40°C to +85°C	96 hours at 90% RH	48 hours
P70-2600045R	Surface Mount	Yes	6.5A	50mΩ	0.59 ±0.20N	10,000 cycles	3.50mm	3.00mm	2.50mm	-40°C to +85°C	96 hours at 90% RH	48 hours
P70-2610045R	Surface Mount	Yes	7A	50mΩ	0.59 ±0.20N	10,000 cycles	4.50mm	3.80mm	3.10mm	-40°C to +85°C	96 hours at 90% RH	48 hours
P70-2620045R	Surface Mount	Yes	7A	50mΩ	0.59 ±0.20N	10,000 cycles	5.50mm	4.80mm	4.10mm	-40°C to +85°C	96 hours at 90% RH	48 hours
P70-2630045R	Surface Mount	Yes	8A	50mΩ	0.59 ±0.20N	10,000 cycles	6.50mm	5.80mm	5.10mm	-40°C to +85°C	96 hours at 90% RH	48 hours
P70-2700045R	Surface Mount	Yes	8A	50mΩ	0.59 ±0.20N	10,000 cycles	6.96mm	5.81mm	4.66mm	-40°C to +85°C	96 hours at 90% RH	48 hours
P70-5000045R	Surface Mount	No	1A	30mΩ	0.68 ±0.19N	10,000 cycles	2.40mm	2.00mm	1.85mm	-40°C to +85°C	-	-
P70-5100045	Surface Mount	No	2A	30mΩ	0.98 ±0.29N	10,000 cycles	4.80mm	4.20mm	3.85mm	-40°C to +85°C	-	-
P70-6000045R	Surface Mount	Yes	1A	30mΩ	0.39 ±0.09N	10,000 cycles	2.80mm	2.20mm	1.90mm	-40°C to +85°C	-	-
P70-7000045	Surface Mount	No	2A	30mΩ	0.68 ±0.19N	10,000 cycles	2.50mm	2.10mm	1.95mm	-40°C to +85°C	-	-

Notes:

Notes:

1. See respective component drawings for product material and finish.
2. Spring Force is applicable at the maximum working height..
3. Humidity test carried out to EIA-364-31B, Test Method II.
4. Salt spray test carried out to EIA-364-26B. Salt Concentration = 5%, Test Chamber Temperature = 35±2°C.
5. Electrical current rating measured at 25°C ambient..
6. Maximum Contact Resistance applies across full working compression range.
7. Free height, Max working height and Min working height for SMT with location pegs are excluding location peg height.