

# Socketpin Specifications

Revision NO.2006-4

	Minimum Pitch	Device Side Full Travel	Probe Length @ Full Travel	Spring Force		Inductance Note1)	Capacitance	DC Resistance Note2),3)	Rated Current Note4)				
				2/3 Travel	Full Travel				25°C	100°C	125°C	150°C	
SCP09-2208BP-T	0.14mm	0.22mm	1.80mm	3.5 gf	4.5 gf	0.66nH	0.10pF	570mΩ	0.55A	under development			
SCP09-3000BP-W		0.30mm	1.90mm	3.0 gf	4.6 gf	0.68nH (Simulated)	make-to-order production						
SCP10-2510BP-T	0.15mm	0.25mm	2.20mm	3.8 gf	5.3 gf	0.71nH	0.11pF	450mΩ	0.6A	0.5A	0.4A	0.3A	
SCP10-3500BP-W		0.35mm	2.40mm	3.6 gf	5.3 gf	0.79nH (Simulated)	make-to-order production						
SCP12-2510BP-T	0.175mm	0.25mm	2.20mm	4.8 gf	6.1 gf	0.67nH	0.12pF	400mΩ	0.6A	0.5A	0.4A	0.3A	
SCP12-2515BP-C		0.25mm	2.70mm	8.2 gf	9.9 gf	0.84nH (Simulated)	make-to-order production						
SCP12-2515BP-V		0.25mm	2.80mm	8.2 gf	9.9 gf	0.86nH	0.16pF	300mΩ	0.6A	0.5A	0.4A	0.3A	
SCP12-3500BP-W		0.35mm	2.40mm	4.0 gf	6.0 gf	0.76nH (Simulated)	make-to-order production						
SCP14-3010BP-T	0.20mm	0.30mm	2.40mm	6.6 gf	8.5 gf	0.68nH	0.14pF	180mΩ	1.2A	1.0A	0.8A	0.6A	
SCP14-3015BP-C		0.30mm	2.80mm	8.1 gf	9.8 gf	0.78nH	0.17pF	200mΩ	1.2A	0.9A	0.7A	0.6A	
SCP14-3015BP-V		0.30mm	2.90mm	8.1 gf	9.8 gf	0.81nH	0.17pF	200mΩ	1.2A	0.9A	0.7A	0.6A	
SCP14-3020AP-N		0.30mm	3.10mm	7.2 gf	8.5 gf	0.8nH	0.21pF	200mΩ	1.2A	under evaluation			
SCP14-3500BP-W		0.35mm	2.40mm	6.0 gf	9.0 gf	0.63nH	0.14pF	250mΩ	1.1A	0.9A	0.7A	0.6A	
SCP14-4000BP-W		0.40mm	2.70mm	5.2 gf	7.8 gf	0.69nH	0.17pF	250mΩ	1.1A	0.9A	0.7A	0.6A	
SCP18-3010BP-T	0.25mm	0.30mm	2.40mm	6.6 gf	8.6 gf	0.75nH (Simulated)	make-to-order production						
SCP18-4000BP-W		0.40mm	3.10mm	5.2 gf	7.9 gf	0.84nH (Simulated)	make-to-order production						
SCP18-3020AP-N		0.30mm	3.10mm	7.6 gf	8.5 gf	0.83nH	0.17pF	200mΩ	1.3A	under evaluation			
SCP23-3010BP-T	0.30mm	0.30mm	2.40mm	9.8 gf	11.7 gf	0.82nH (Simulated)	make-to-order production						
SCP23-4000BP-W		0.40mm	3.10mm	6.8 gf	10.2 gf	0.93nH (Simulated)	make-to-order production						
SCP23-3020AP-N		0.30mm	3.10mm	8.7 gf	10.0 gf	0.78nH	0.20pF	180mΩ	1.5A		1.0A		
SCP27-5020DP-N	0.40mm	0.50mm	4.50mm	20.6 gf	25.0 gf	1.0nH	0.32pF	130mΩ	2.2A		1.6A		
SCP35-3520DP-T	0.50mm	0.35mm	2.80mm	15.0 gf	18.0 gf	0.76nH	0.19pF	100mΩ	2.5A	2.0A	2.0A	2.0A	
SCP35-5020FP-N		0.50mm	4.50mm	15.4 gf	35.0 gf	1.10nH	0.32pF	120mΩ	2.5A	2.0A	2.0A	2.0A	
SCP50-3520CP-T	0.65mm	0.35mm	2.80mm	17.1 gf	20.1 gf	0.69nH	0.22pF	80mΩ	4.0A	3.0A	3.0A	3.0A	
SCP50-5020FP-N		0.50mm	4.50mm	29.3 gf	35.0 gf	1.07nH	0.38pF	100mΩ	4.0A	3.0A	3.0A	3.0A	
SCP65-3520DP-T	0.80mm	0.35mm	2.80mm	16.9 gf	21.0 gf	0.57nH	0.25pF	50mΩ	5.0A	5.0A	5.0A	4.0A	
SCP65-5020FP-N		0.50mm	4.50mm	30.1 gf	35.0 gf	0.86nH	0.38pF	80mΩ	5.0A	5.0A	5.0A	4.0A	
SCP80-3520DP-T	1.00mm	0.35mm	2.80mm	21.0 gf	25.3 gf	0.77nH	0.30pF	50mΩ	5.0A	5.0A	5.0A	4.0A	
SCP80-6040FP-N		0.60mm	4.90mm	29.6 gf	35.0 gf	1.13nH	0.50pF	80mΩ	5.0A	5.0A	5.0A	4.0A	
SCPH0-3520DP-T	1.27mm	0.35mm	2.80mm	23.0 gf	27.8 gf	0.71nH	0.34pF	50mΩ	5.0A	5.0A	5.0A	4.0A	
SCPH0-6040FP-N		0.60mm	4.90mm	30.4 gf	35.0 gf	0.98nH	0.54pF	80mΩ	5.0A	5.0A	5.0A	4.0A	

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Note1) Approximate Pin Inductance at any frequency.

Note2) DC Resistance is based on average value.

Note3) 0.5mm pitch and over probe units have 1,000 mega-ohm (at DC 500V) over Insulation Resistance and AC 700V (for 1 minute) withstand voltage. But these values are depends upon probe housing material.

Note4) Evaluating criterion : 20% reduction of spring force after 1 hour current loading.

5.0A is the maximum current capability of the test equipment.



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