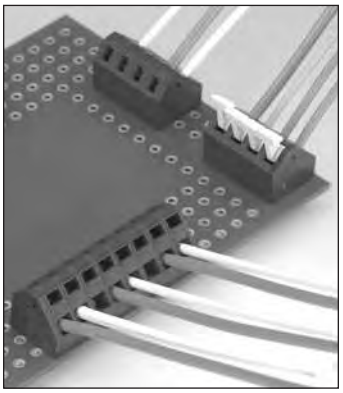
SCM Wire-to-Board Terminal Blocks
Spring Clamp Wire Termination



SCM .200" spring clamp terminal blocks are rated at 20A/300V—the highest in the industry—and are supplied in horizontal, angled and vertical configurations.

Two Modes of Operation

Individual spring contact clamps are depressed to insert or remove wires by either actuating a finger lever or inserting a flat-bladed screwdriver in an actuation slot on the block.

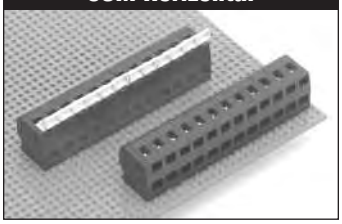
SMT Compatibility

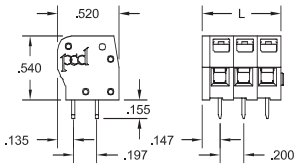
The SCM is the only spring clamp terminal block available that is suitable for SMT reflow solder PCB manufacturing processes as well as wave solder; providing users with additional flexibility and maximizing production efficiencies by eliminating secondary solder operations. Blocks are molded of ultra-high-temperature, glass-filled polyamide that will withstand temperatures of 260°C during PCB production.

Variations

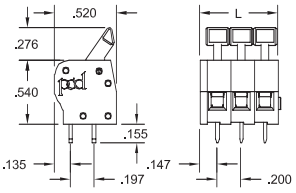
Contact Amphenol Pcd for color and marking options.

SCM Horizontal



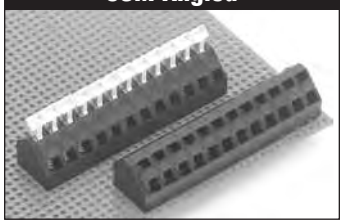


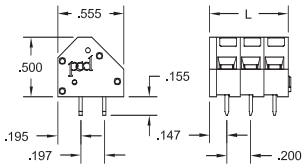
WITHOUT LEVER



LEVER

SCM Angled





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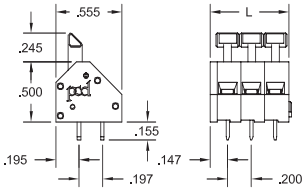
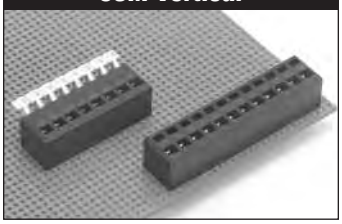
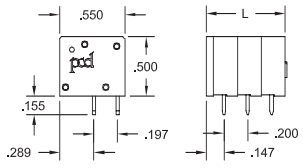


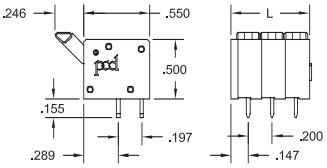
LEVER

SCM Vertical





WITHOUT LEVER



LEVER

Pos	Catalog # w/o Lever	Catalog # Lever	L (In.)
2	SCM021000	SCM021000L	.460
3	SCM031000	SCM031000L	.660
4	SCM041000	SCM041000L	.860
5	SCM051000	SCM051000L	1.060
6	SCM061000	SCM061000L	1.260
7	SCM071000	SCM071000L	1.460
8	SCM081000	SCM081000L	1.660
9	SCM091000	SCM091000L	1.860
10	SCM101000	SCM101000L	2.060
11	SCM111000	SCM111000L	2.260
12	SCM121000	SCM121000L	2.460
13	SCM131000	SCM131000L	2.660
14	SCM141000	SCM141000L	2.860
15	SCM151000	SCM151000L	3.060
16	SCM161000	SCM161000L	3.260
17	SCM171000	SCM171000L	3.460
18	SCM181000	SCM181000L	3.660
19	SCM191000	SCM191000L	3.860
20	SCM201000	SCM201000L	4.060

Pos	Catalog # w/o Lever	Catalog # Lever	L (In.)
2	SCM023000	SCM023000L	.460
3	SCM033000	SCM033000L	.660
4	SCM043000	SCM043000L	.860
5	SCM053000	SCM053000L	1.060
6	SCM063000	SCM063000L	1.260
7	SCM073000	SCM073000L	1.460
8	SCM083000	SCM083000L	1.660
9	SCM093000	SCM093000L	1.860
10	SCM103000	SCM103000L	2.060
11	SCM113000	SCM113000L	2.260
12	SCM123000	SCM123000L	2.460
13	SCM133000	SCM133000L	2.660
14	SCM143000	SCM143000L	2.860
15	SCM153000	SCM153000L	3.060
16	SCM163000	SCM163000L	3.260
17	SCM173000	SCM173000L	3.460
18	SCM183000	SCM183000L	3.660
19	SCM193000	SCM193000L	3.860
20	SCM203000	SCM203000L	4.060

Pos	Catalog # w/o Lever	Catalog # Lever	L (In.)
2	SCM029000	SCM029000L	.460
3	SCM039000	SCM039000L	.660
4	SCM049000	SCM049000L	.860
5	SCM059000	SCM059000L	1.060
6	SCM069000	SCM069000L	1.260
7	SCM079000	SCM079000L	1.460
8	SCM089000	SCM089000L	1.660
9	SCM099000	SCM099000L	1.860
10	SCM109000	SCM109000L	2.060
11	SCM119000	SCM119000L	2.260
12	SCM129000	SCM129000L	2.460
13	SCM139000	SCM139000L	2.660
14	SCM149000	SCM149000L	2.860
15	SCM159000	SCM159000L	3.060
16	SCM169000	SCM169000L	3.260
17	SCM179000	SCM179000L	3.460
18	SCM189000	SCM189000L	3.660
19	SCM199000	SCM199000L	3.860
20	SCM209000	SCM209000L	4.060

APPROVALS:

SPECIFICATIONS:

Current Rating: 20A
Operating Voltage: 300V
Insulation Resistance: >10^3 Megohms
Dielectric Withstanding: <1600V
Wire Pullout Force:
Per UL 486E, Section 14

MATERIALS:

Housing/Lever: PA, UL 94V-0, black
Contact: Brass, tin-lead finish
Spring Clamp: Stainless steel

INSTALLATION:

Wire Range: 12-28 AWG
Wire Strip Length: .220"
Hole Diameter: .047 min.

Amphenol Pcd