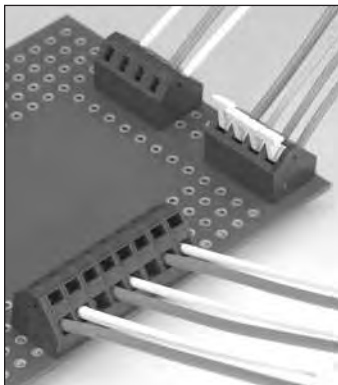


**.200"** (5.08mm)

# 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

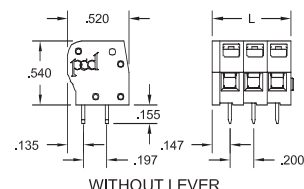
The SCM is the only spring clamp terminal block available that is suitable for SMT reflow solder PCB manufacturing processes as well as wave solder; providing users with additional flexibility and maximizing production efficiencies by eliminating secondary solder operations. Blocks are molded of ultra-high-temperature,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

## Variations

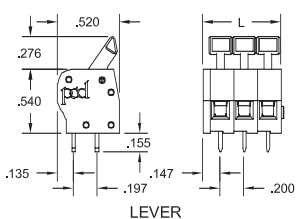
Contact Amphenol Pcd for color and marking options.



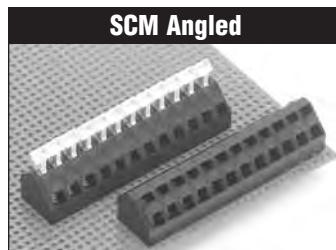
SCM Horizontal



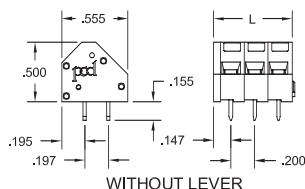
WITHOUT LEVER



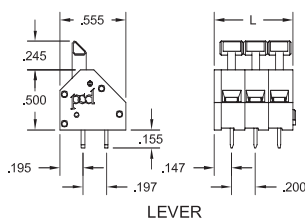
LEVER



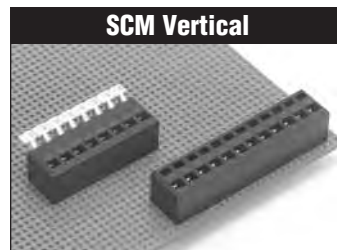
SCM Angled



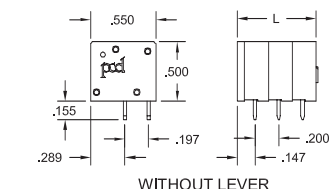
WITHOUT LEVER



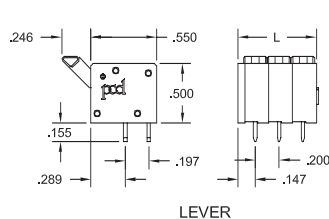
LEVER



SCM Vertical



WITHOUT LEVER



LEVER

| Pos | Catalog #<br>w/o Lever | Catalog #<br>Lever | L<br>(In.) | Pos | Catalog #<br>w/o Lever | Catalog #<br>Lever | L<br>(In.) | Pos | Catalog #<br>w/o Lever | Catalog #<br>Lever | L<br>(In.) |
|-----|------------------------|--------------------|------------|-----|------------------------|--------------------|------------|-----|------------------------|--------------------|------------|
| 2   | SCM021000              | SCM021000L         | .460       | 2   | SCM023000              | SCM023000L         | .460       | 2   | SCM029000              | SCM029000L         | .460       |
| 3   | SCM031000              | SCM031000L         | .660       | 3   | SCM033000              | SCM033000L         | .660       | 3   | SCM039000              | SCM039000L         | .660       |
| 4   | SCM041000              | SCM041000L         | .860       | 4   | SCM043000              | SCM043000L         | .860       | 4   | SCM049000              | SCM049000L         | .860       |
| 5   | SCM051000              | SCM051000L         | 1.060      | 5   | SCM053000              | SCM053000L         | 1.060      | 5   | SCM059000              | SCM059000L         | 1.060      |
| 6   | SCM061000              | SCM061000L         | 1.260      | 6   | SCM063000              | SCM063000L         | 1.260      | 6   | SCM069000              | SCM069000L         | 1.260      |
| 7   | SCM071000              | SCM071000L         | 1.460      | 7   | SCM073000              | SCM073000L         | 1.460      | 7   | SCM079000              | SCM079000L         | 1.460      |
| 8   | SCM081000              | SCM081000L         | 1.660      | 8   | SCM083000              | SCM083000L         | 1.660      | 8   | SCM089000              | SCM089000L         | 1.660      |
| 9   | SCM091000              | SCM091000L         | 1.860      | 9   | SCM093000              | SCM093000L         | 1.860      | 9   | SCM099000              | SCM099000L         | 1.860      |
| 10  | SCM101000              | SCM101000L         | 2.060      | 10  | SCM103000              | SCM103000L         | 2.060      | 10  | SCM109000              | SCM109000L         | 2.060      |
| 11  | SCM111000              | SCM111000L         | 2.260      | 11  | SCM113000              | SCM113000L         | 2.260      | 11  | SCM119000              | SCM119000L         | 2.260      |
| 12  | SCM121000              | SCM121000L         | 2.460      | 12  | SCM123000              | SCM123000L         | 2.460      | 12  | SCM129000              | SCM129000L         | 2.460      |
| 13  | SCM131000              | SCM131000L         | 2.660      | 13  | SCM133000              | SCM133000L         | 2.660      | 13  | SCM139000              | SCM139000L         | 2.660      |
| 14  | SCM141000              | SCM141000L         | 2.860      | 14  | SCM143000              | SCM143000L         | 2.860      | 14  | SCM149000              | SCM149000L         | 2.860      |
| 15  | SCM151000              | SCM151000L         | 3.060      | 15  | SCM153000              | SCM153000L         | 3.060      | 15  | SCM159000              | SCM159000L         | 3.060      |
| 16  | SCM161000              | SCM161000L         | 3.260      | 16  | SCM163000              | SCM163000L         | 3.260      | 16  | SCM169000              | SCM169000L         | 3.260      |
| 17  | SCM171000              | SCM171000L         | 3.460      | 17  | SCM173000              | SCM173000L         | 3.460      | 17  | SCM179000              | SCM179000L         | 3.460      |
| 18  | SCM181000              | SCM181000L         | 3.660      | 18  | SCM183000              | SCM183000L         | 3.660      | 18  | SCM189000              | SCM189000L         | 3.660      |
| 19  | SCM191000              | SCM191000L         | 3.860      | 19  | SCM193000              | SCM193000L         | 3.860      | 19  | SCM199000              | SCM199000L         | 3.860      |
| 20  | SCM201000              | SCM201000L         | 4.060      | 20  | SCM203000              | SCM203000L         | 4.060      | 20  | SCM209000              | SCM209000L         | 4.060      |

## APPROVALS:



## SPECIFICATIONS:

**Current Rating:** 20A  
**Operating Voltage:** 300V  
**Insulation Resistance:** >10<sup>3</sup> 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**