

Plug-in Screw Connector System for Printed Circuit Boards

971-SLK /-SLS /-SLW | 5.00 mm (0.197 in) Spacing - 2-64 poles

PICTURES



971-SLK



971-SLS



115-F-111 & 971-SLK

TECHNICAL INFORMATION

Description

Pinstrip

Technical Data

Center to Center Spacing: 5.000 mm (0.197 in)

Recommended Hole Diameter in PC Board: 1.300 mm (0.051 in)

Bill of Materials



Solder Pin: Tin plated copper alloy PCB end: 1 mm (0.039 in.) or .1 (0.043 in.), plug-in end: .1 mm (0.043 in.), 1.15 (0.045 in.) and 1.3 mm (0.051 in.)

Application

WECO offers a variety of pin lengths and pin diameters. In order to order these special pins, please refer to the special pin page found in the ordering box.

APPROVAL INFORMATION

UL File No. E69841 | CSA File No. LR24322

Type	Current (A)	Voltage (V)	Application Group	AWG	Screw Tightening Torque
 971-SLK /-SLS /-SLW 5.0 mm	10	300	B		
 971-SLK /-SLS /-SLW 5.0 mm	10	300	B, D, E		

Alternative Approval Information

Type	Current (A)	Voltage (V)	Application Group	AWG	Screw Tightening Torque
971-SLK /-SLS /-SLW 10.0 mm	10	300	B, D, E		

PLUGGING PARTS**Plug-In Direction and Wire Entrance Perpendicular to PCB**

TYPE 971-FBS (-DS)
5.00 mm spacing - 2-24 poles

Plug-In Direction Perpendicular to PCB and Wire Entrance Parallel to PCB

TYPE 115-F-111
5.00 mm spacing - 2-12 poles



TYPE 115-F-118
5.00 mm spacing - 2-12 poles



TYPE 115-F-211
5.00 mm spacing - 2-12 poles



TYPE 950-FL-DS
5.00 mm spacing - 2-24 poles



TYPE 950-GFL-DS
5.00 mm spacing - 2-24 poles



TYPE 950-NAF-DS
5.00 mm spacing - 2-12 poles



TYPE 950-NLFL-DS
5.00 mm spacing - 2-12 poles



TYPE 950-RNF-DS
5.00 mm spacing - 2-12 poles

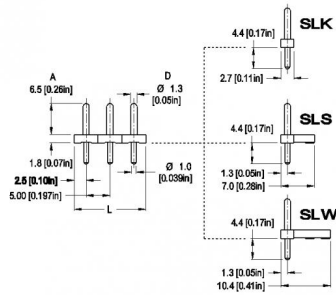


TYPE 950-T-FL-DS
5.00 mm spacing - 2, 3, 8 poles



TYPE 970-FBW (-DS)
5.00 mm spacing - 2-24 poles

TECHNICAL DRAWING



Description :

Length of Pinstrip (L)

$L = \text{No. of Poles} \times \text{Center to Center Spacing}$

Other options:

In .10 mm diameter (D), the following protruding lengths (A) are available: 7.8, 10.3, 12.8, 15.2, 17.8, 20.3, 22.8, 25.3, 27.8, 30.3, 32.8, 35.3, 37.8, 40.3, 42.8, 45.3, 47.8, 50.3, 52.8, 55.3, 57.8, 60.3, 62.8, 65.3, 67.8, 70.3, 72.8, 75.3, 77.8, 80.3, 82.8, 85.3, 87.8, 90.3, 92.8, 95.3, 97.8, 100.3, 102.8, 105.3, 107.8, 110.3, 112.8, 115.3, 117.8, 120.3, 122.8, 125.3, 127.8, 130.3, 132.8, 135.3, 137.8, 140.3, 142.8, 145.3, 147.8, 150.3, 152.8, 155.3, 157.8, 160.3, 162.8, 165.3, 167.8, 170.3, 172.8, 175.3, 177.8, 180.3, 182.8, 185.3, 187.8, 190.3, 192.8, 195.3, 197.8, 200.3, 202.8, 205.3, 207.8, 210.3, 212.8, 215.3, 217.8, 220.3, 222.8, 225.3, 227.8, 230.3, 232.8, 235.3, 237.8, 240.3, 242.8, 245.3, 247.8, 250.3, 252.8, 255.3, 257.8, 260.3, 262.8, 265.3, 267.8, 270.3, 272.8, 275.3, 277.8, 280.3, 282.8, 285.3, 287.8, 290.3, 292.8, 295.3, 297.8, 300.3, 302.8, 305.3, 307.8, 310.3, 312.8, 315.3, 317.8, 320.3, 322.8, 325.3, 327.8, 330.3, 332.8, 335.3, 337.8, 340.3, 342.8, 345.3, 347.8, 350.3, 352.8, 355.3, 357.8, 360.3, 362.8, 365.3, 367.8, 370.3, 372.8, 375.3, 377.8, 380.3, 382.8, 385.3, 387.8, 390.3, 392.8, 395.3, 397.8, 400.3, 402.8, 405.3, 407.8, 410.3, 412.8, 415.3, 417.8, 420.3, 422.8, 425.3, 427.8, 430.3, 432.8, 435.3, 437.8, 440.3, 442.8, 445.3, 447.8, 450.3, 452.8, 455.3, 457.8, 460.3, 462.8, 465.3, 467.8, 470.3, 472.8, 475.3, 477.8, 480.3, 482.8, 485.3, 487.8, 490.3, 492.8, 495.3, 497.8, 500.3, 502.8, 505.3, 507.8, 510.3, 512.8, 515.3, 517.8, 520.3, 522.8, 525.3, 527.8, 530.3, 532.8, 535.3, 537.8, 540.3, 542.8, 545.3, 547.8, 550.3, 552.8, 555.3, 557.8, 560.3, 562.8, 565.3, 567.8, 570.3, 572.8, 575.3, 577.8, 580.3, 582.8, 585.3, 587.8, 590.3, 592.8, 595.3, 597.8, 600.3, 602.8, 605.3, 607.8, 610.3, 612.8, 615.3, 617.8, 620.3, 622.8, 625.3, 627.8, 630.3, 632.8, 635.3, 637.8, 640.3, 642.8, 645.3, 647.8, 650.3, 652.8, 655.3, 657.8, 660.3, 662.8, 665.3, 667.8, 670.3, 672.8, 675.3, 677.8, 680.3, 682.8, 685.3, 687.8, 690.3, 692.8, 695.3, 697.8, 700.3, 702.8, 705.3, 707.8, 710.3, 712.8, 715.3, 717.8, 720.3, 722.8, 725.3, 727.8, 730.3, 732.8, 735.3, 737.8, 740.3, 742.8, 745.3, 747.8, 750.3, 752.8, 755.3, 757.8, 760.3, 762.8, 765.3, 767.8, 770.3, 772.8, 775.3, 777.8, 780.3, 782.8, 785.3, 787.8, 790.3, 792.8, 795.3, 797.8, 800.3, 802.8, 805.3, 807.8, 810.3, 812.8, 815.3, 817.8, 820.3, 822.8, 825.3, 827.8, 830.3, 832.8, 835.3, 837.8, 840.3, 842.8, 845.3, 847.8, 850.3, 852.8, 855.3, 857.8, 860.3, 862.8, 865.3, 867.8, 870.3, 872.8, 875.3, 877.8, 880.3, 882.8, 885.3, 887.8, 890.3, 892.8, 895.3, 897.8, 900.3, 902.8, 905.3, 907.8, 910.3, 912.8, 915.3, 917.8, 920.3, 922.8, 925.3, 927.8, 930.3, 932.8, 935.3, 937.8, 940.3, 942.8, 945.3, 947.8, 950.3, 952.8, 955.3, 957.8, 960.3, 962.8, 965.3, 967.8, 970.3, 972.8, 975.3, 977.8, 980.3, 982.8, 985.3, 987.8, 990.3, 992.8, 995.3, 997.8, 1000.3.

In .15 mm diameter (D), the following protruding lengths (A) are available: 6.5 and 14.7.

In .30 mm diameter (D), the following protruding lengths (A) are available: 6.5, 7.2, 7.7, 8.4, 9.1, 9.8, 10.5, 11.2, 11.9, 12.6, 13.3, 14.0, 14.7, 15.4, 16.1, 16.8, 17.5, 18.2, 18.9, 19.6, 20.3, 21.0, 21.7, 22.4, 23.1, 23.8, 24.5, 25.2, 25.9, 26.6, 27.3, 28.0, 28.7, 29.4, 30.1, 30.8, 31.5, 32.2, 32.9, 33.6, 34.3, 35.0, 35.7, 36.4, 37.1, 37.8, 38.5, 39.2, 39.9, 40.6, 41.3, 42.0, 42.7, 43.4, 44.1, 44.8, 45.5, 46.2, 46.9, 47.6, 48.3, 49.0, 49.7, 50.4, 51.1, 51.8, 52.5, 53.2, 53.9, 54.6, 55.3, 56.0, 56.7, 57.4, 58.1, 58.8, 59.5, 60.2, 60.9, 61.6, 62.3, 63.0, 63.7, 64.4, 65.1, 65.8, 66.5, 67.2, 67.9, 68.6, 69.3, 70.0, 70.7, 71.4, 72.1, 72.8, 73.5, 74.2, 74.9, 75.6, 76.3, 77.0, 77.7, 78.4, 79.1, 79.8, 80.5, 81.2, 81.9, 82.6, 83.3, 84.0, 84.7, 85.4, 86.1, 86.8, 87.5, 88.2, 88.9, 89.6, 90.3, 91.0, 91.7, 92.4, 93.1, 93.8, 94.5, 95.2, 95.9, 96.6, 97.3, 98.0, 98.7, 99.4, 100.1, 100.8, 101.5, 102.2, 102.9, 103.6, 104.3, 105.0, 105.7, 106.4, 107.1, 107.8, 108.5, 109.2, 109.9, 110.6, 111.3, 112.0, 112.7, 113.4, 114.1, 114.8, 115.5, 116.2, 116.9, 117.6, 118.3, 119.0, 119.7, 120.4, 121.1, 121.8, 122.5, 123.2, 123.9, 124.6, 125.3, 126.0, 126.7, 127.4, 128.1, 128.8, 129.5, 130.2, 130.9, 131.6, 132.3, 133.0, 133.7, 134.4, 135.1, 135.8, 136.5, 137.2, 137.9, 138.6, 139.3, 140.0, 140.7, 141.4, 142.1, 142.8, 143.5, 144.2, 144.9, 145.6, 146.3, 147.0, 147.7, 148.4, 149.1, 149.8, 150.5, 151.2, 151.9, 152.6, 153.3, 154.0, 154.7, 155.4, 156.1, 156.8, 157.5, 158.2, 158.9, 159.6, 160.3, 161.0, 161.7, 162.4, 163.1, 163.8, 164.5, 165.2, 165.9, 166.6, 167.3, 168.0, 168.7, 169.4, 170.1, 170.8, 171.5, 172.2, 172.9, 173.6, 174.3, 175.0, 175.7, 176.4, 177.1, 177.8, 178.5, 179.2, 179.9, 180.6, 181.3, 182.0, 182.7, 183.4, 184.1, 184.8, 185.5, 186.2, 186.9, 187.6, 188.3, 189.0, 189.7, 190.4, 191.1, 191.8, 192.5, 193.2, 193.9, 194.6, 195.3, 196.0, 196.7, 197.4, 198.1, 198.8, 199.5, 200.2, 200.9, 201.6, 202.3, 203.0, 203.7, 204.4, 205.1, 205.8, 206.5, 207.2, 207.9, 208.6, 209.3, 210.0, 210.7, 211.4, 212.1, 212.8, 213.5, 214.2, 214.9, 215.6, 216.3, 217.0, 217.7, 218.4, 219.1, 219.8, 220.5, 221.2, 221.9, 222.6, 223.3, 224.0, 224.7, 225.4, 226.1, 226.8, 227.5, 228.2, 228.9, 229.6, 230.3, 231.0, 231.7, 232.4, 233.1, 233.8, 234.5, 235.2, 235.9, 236.6, 237.3, 238.0, 238.7, 239.4, 240.1, 240.8, 241.5, 242.2, 242.9, 243.6, 244.3, 245.0, 245.7, 246.4, 247.1, 247.8, 248.5, 249.2, 249.9, 250.6, 251.3, 252.0, 252.7, 253.4, 254.1, 254.8, 255.5, 256.2, 256.9, 257.6, 258.3, 259.0, 259.7, 260.4, 261.1, 261.8, 262.5, 263.2, 263.9, 264.6, 265.3, 266.0, 266.7, 267.4, 268.1, 268.8, 269.5, 270.2, 270.9, 271.6, 272.3, 273.0, 273.7, 274.4, 275.1, 275.8, 276.5, 277.2, 277.9, 278.6, 279.3, 280.0, 280.7, 281.4, 282.1, 282.8, 283.5, 284.2, 284.9, 285.6, 286.3, 287.0, 287.7, 288.4, 289.1, 289.8, 290.5, 291.2, 291.9, 292.6, 293.3, 294.0, 294.7, 295.4, 296.1, 296.8, 297.5, 298.2, 298.9, 299.6, 300.3, 301.0, 301.7, 302.4, 303.1, 303.8, 304.5, 305.2, 305.9, 306.6, 307.3, 308.0, 308.7, 309.4, 310.1, 310.8, 311.5, 312.2, 312.9, 313.6, 314.3, 315.0, 315.7, 316.4, 317.1, 317.8, 318.5, 319.2, 319.9, 320.6, 321.3, 322.0, 322.7, 323.4, 324.1, 324.8, 325.5, 326.2, 326.9, 327.6, 328.3, 329.0, 329.7, 330.4, 331.1, 331.8, 332.5, 333.2, 333.9, 334.6, 335.3, 336.0, 336.7, 337.4, 338.1, 338.8, 339.5, 340.2, 340.9, 341.6, 342.3, 343.0, 343.7, 344.4, 345.1, 345.8, 346.5, 347.2, 347.9, 348.6, 349.3, 350.0, 350.7, 351.4, 352.1, 352.8, 353.5, 354.2, 354.9, 355.6, 356.3, 357.0, 357.7, 358.4, 359.1, 359.8, 360.5, 361.2, 361.9, 362.6, 363.3, 364.0, 364.7, 365.4, 366.1, 366.8, 367.5, 368.2, 368.9, 369.6, 370.3, 371.0, 371.7, 372.4, 373.1, 373.8, 374.5, 375.2, 375.9, 376.6, 377.3, 378.0, 378.7, 379.4, 380.1, 380.8, 381.5, 382.2, 382.9, 383.6, 384.3, 385.0, 385.7, 386.4, 387.1, 387.8, 388.5, 389.2, 389.9, 390.6, 391.3, 392.0, 392.7, 393.4, 394.1, 394.8, 395.5, 396.2, 396.9, 397.6, 398.3, 399.0, 399.7, 400.4, 401.1, 401.8, 402.5, 403.2, 403.9, 404.6, 405.3, 406.0, 406.7, 407.4, 408.1, 408.8, 409.5, 410.2, 410.9, 411.6, 412.3, 413.0, 413.7, 414.4, 415.1, 415.8, 416.5, 417.2, 417.9, 418.6, 419.3, 420.0, 420.7, 421.4, 422.1, 422.8, 423.5, 424.2, 424.9, 425.6, 426.3, 427.0, 427.7, 428.4, 429.1, 429.8, 430.5, 431.2, 431.9, 432.6, 433.3, 434.0, 434.7, 435.4, 436.1, 436.8, 437.5, 438.2, 438.9, 439.6, 440.3, 441.0, 441.7, 442.4, 443.1, 443.8, 444.5, 445.2, 445.9, 446.6, 447.3, 448.0, 448.7, 449.4, 450.1, 450.8, 451.5, 452.2, 452.9, 453.6, 454.3, 455.0, 455.7, 456.4, 457.1, 457.8, 458.5, 459.2, 459.9, 460.6, 461.3, 462.0, 462.7, 463.4, 464.1, 464.8, 465.5, 466.2, 466.9, 467.6, 468.3, 469.0, 469.7, 470.4, 471.1, 471.8, 472.5, 473.2, 473.9, 474.6, 475.3, 476.0, 476.7, 477.4, 478.1, 478.8, 479.5, 480.2, 480.9, 481.6, 482.3, 483.0, 483.7, 484.4, 485.1, 485.8, 486.5, 487.2, 487.9, 488.6, 489.3, 490.0, 490.7, 491.4, 492.1, 492.8, 493.5, 494.2, 494.9, 495.6, 496.3, 497.0, 497.7, 498.4, 499.1, 499.8, 500.5, 501.2, 501.9, 502.6, 503.3, 504.0, 504.7, 505.4, 506.1, 506.8, 507.5, 508.2, 508.9, 509.6, 510.3, 511.0, 511.7, 512.4, 513.1, 513.8, 514.5, 515.2, 515.9, 516.6, 517.3, 518.0, 518.7, 519.4, 520.1, 520.8, 521.5, 522.2, 522.9, 523.6, 524.3, 525.0, 525.7, 526.4, 527.1, 527.8, 528.5, 529.2, 529.9, 530.6, 531.3, 532.0, 532.7, 533.4, 534.1, 534.8, 535.5, 536.2, 536.9, 537.6, 538.3, 539.0, 539.7, 540.4, 541.1, 541.8, 542.5, 543.2, 543.9, 544.6, 545.3, 546.0, 546.7, 547.4, 548.1, 548.8, 549.5, 550.2, 550.9, 551.6, 552.3, 553.0, 553.7, 554.4, 555.1, 555.8, 556.5, 557.2, 557.9, 558.6, 559.3, 560.0, 560.7, 561.4, 562.1, 562.8, 563.5, 564.2, 564.9, 565.6, 566.3, 567.0, 567.7, 568.4, 569.1, 569.8, 570.5, 571.2, 571.9, 572.6, 573.3, 574.0, 574.7, 575.4, 576.1, 576.8, 577.5, 578.2, 578.9, 579.6, 580.3, 581.0, 581.7, 582.4, 583.1, 583.8, 584.5, 585.2, 585.9, 586.6, 587.3, 588.0, 588.7, 589.4, 590.1, 590.8, 591.5, 592.2, 592.9, 593.6, 594.3, 595.0, 595.7, 596.4, 597.1, 597.8, 598.5, 599.2, 599.9, 600.6, 601.3, 602.0, 602.7, 603.4, 604.1, 604.8, 605.5, 606.2, 606.9, 607.6, 608.3, 609.0, 609.7, 610.4, 611.1, 611.8, 612.5, 613.2, 613.9, 614.6, 615.3, 616.0, 616.7, 617.4, 618.1, 618.8, 619.5, 620.2, 620.9, 621.6, 622.3, 623.0, 623.7, 624.4, 625.1, 625.8, 626.5, 627.2, 627.9, 628.6, 629.3, 630.0, 630.7, 631.4, 632.1, 632.8, 633.5, 634.2, 634.9, 635.6, 636.3, 637.0, 637.7, 638.4, 639.1, 639.8, 640.5, 641.2, 641.9, 642.6, 643.3, 644.0, 644.7, 645.4, 646.1, 646.8, 647.5, 648.2, 648.9, 649.6, 650.3, 651.0, 651.7, 652.4, 653.1, 653.8, 654.5, 655.2, 655.9, 656.6, 657.3, 658.0, 658.7, 659.4, 660.1, 660.8, 661.5, 662.2, 662.9, 663.6, 664.3, 665.0, 665.7, 666.4, 667.1, 667.8, 668.5, 669.2, 669.9, 670.6, 671.3, 672.0, 672.7, 673.4, 674.1, 674.8, 675.5, 676.2, 676.9, 677.6, 678.3, 679.0, 679.7, 680.4, 681.1, 681.8, 682.5, 683.2, 683.9, 684.6, 685.3, 686.0, 686.7, 687.4, 688.1, 688.8, 689.5, 690.2, 690.9, 691.6, 692.3, 693.0, 693.7, 694.4, 695.1, 695.8, 696.5, 697.2, 697.9, 698.6, 699.3, 700.0, 700.7, 701.4, 702.1, 702.8, 703.5, 704.2, 704.9, 705.6, 706.3, 707.0, 707.7, 708.4, 709.1, 709.8, 710.5, 711.2, 711.9, 712.6, 713.3, 714.0, 714.7, 715.4, 716.1, 716.8, 717.5, 718.2, 718.9, 719.6, 720.3, 721.0, 721.7, 722.4, 723.1, 723.8, 724.5, 725.2, 725.9, 726.6, 727.3, 728.0, 728.7, 729.4, 730.1, 730.8, 731.5, 732.2, 732.9, 733.6, 734.3, 735.0, 735.7, 736.4, 737.1, 737.8, 738.5, 739.2, 739.9, 740.6, 741.3, 742.0, 742.7, 743.4, 744.1, 744.8, 745.5, 746.2, 746.9, 747.6, 748.3, 749.0, 749.7, 750.4, 751.1, 751.8, 752.5, 753.2, 753.9, 754.6, 755.3, 756.0, 756.7, 757.4, 758.1, 758.8, 759.5, 760.2, 760.9, 761.6, 762.3, 763.0, 763.7, 764.4, 765.1, 765.8, 766.5, 767.2, 767.9, 768.6, 769.3, 770.0, 770.7, 771.4, 772.1, 772.8, 773.5, 774.2, 774.9, 775.6, 776.3, 777.0, 777.7, 778.4, 779.1, 779.8, 780.5, 781.2, 781.9, 782.6, 783.3, 784.0, 784.7, 785.4, 786.1, 786.8, 787.5, 788.2, 788.9, 789.6, 790.3, 791.0, 791.7, 792.4, 793.1, 793.8, 794.5, 795.2, 795.9, 796.6, 797.3, 798.0, 798.7, 799.4, 800.1, 800.8, 801.5, 802.2, 802.9, 803.6, 804.3, 805.0, 805.7, 806.4, 807.1, 807.8, 808.5, 809.2, 809.9, 810.6, 811.3, 812.0, 812.7, 813.4, 814.1, 814.8, 815.5, 816.2, 816.9, 817.6, 818.3, 819.0, 819.7, 820.4, 821.1, 821.8, 822.5, 823.2, 823.9, 824.6, 825.3, 826.0, 826.7, 827.4, 828.1, 828.8, 829.5, 830.2, 830.9, 831.6, 832.3, 833.0, 833.7, 834.4, 835.1, 835.8, 836.5, 837.2, 837.9, 838.6, 839.3, 840.0, 840.7, 841.4, 842.1, 842.8, 843.5, 844.2, 844.9, 845.6, 846.3, 847.0, 847.7, 848.4, 849.1, 849.8, 850.5, 851.2, 851.9, 852.6, 853.3, 854.0, 854.7, 855.4, 856.1, 856.8, 857.5, 858.2, 858.9, 859.6, 860.3, 861.0, 861.7, 862.4, 863.1, 863.8, 864.5, 865.2, 865.9, 866.6, 867.3, 868.0, 868.7, 869.4, 870.1, 870.8, 871.5, 872.2, 872.9, 873.6, 874.3, 875.0, 875.7, 876.4, 877.1, 877.8, 878.5, 879.2, 879.9, 880.6, 881.3, 882.0, 882.7, 883.4, 884.1, 884.8, 885.5, 886.2, 886.9, 887.6, 888.3, 889.0, 889.7, 890.4, 891.1, 891.8, 892.5, 893.2, 893.9, 894.6, 895.3, 896.0, 896.7, 897.4, 898

SECTION A - SERIES 97-FBW, 97-FBS AND 97-K

Terminal Blocks for Printed Circuit Boards



This series of versatile combination two-part terminal blocks provides a variety of design solutions. The plugs can be used with matching pinstrips or headers. Some of the male plugs interlock with their female counterparts.

We strongly recommend the optional wire protectors (DS designation) to prevent damage to stranded wiring from the clamping screw mechanism. Solid wiring does not require wire protectors this makes insertion of larger wires easier in field wiring applications.

Each product has a "How To Order" area as well as a complete listing of UL and CSA approval specifications, available options and accessories.