

PLUGGABLE PRINTED CIRCUIT Metric Pin Spacing^a Pin Headers

STL130, STL132 (Straight) and STL140 (Right Angle) Pin Headers are used with the highly cost effective Tubular Screw Clamp Plugs, Types AK130 and AK132. in lighter duty applications where infrequent wire to board connections must be made. Type STL132 features a reduced pin diameter of 1.0mm (.0394") on the soldering side.

Open pin headers are supplied in strips up to 16 poles or in standard 24 pole lengths. The Pin Header strip features breakaway construction that eliminates cutting or sawing.

- Straight and Right Angle
- Strip Material: Polyamide 6.6
- Standard Color: Gray

^aBlocks with US (Inch) pin spacing begin on page 110.



STL130
Straight Pin Header



STL140
Right Angle Pin Header^b

Pin Spacing 5mm (.197)

Use with AK130 and AK132 Plugs

Smaller pin diameter for 1.0mm (.0394") through-holes



STL132
Straight Pin Header

Pin Spacing 5mm (.197)

Use with AK130, AK132 Plugs

Ratings

IEC/VDE

(File No. E101811)

(File No. LR68503)

Current

10A

10A^c

10A^c

Voltage

250V

300V^c

300V^c

Current

10A

10A^c

10A^c

Voltage

250V

300V^c

300V^c

Ordering Information

No. of Poles

Type

Cat. No.

Length L
mm (in.)

Std. Pk.

Type

Cat. No.

Length L
mm (in.)

Std. Pk.

Straight Pin Header,
mm Pin Spacing

| | | | | |
|---|----------|--------|--------------|-----|
| 2 | STL130/2 | 30.352 | 10.00 (.39) | 100 |
| 3 | STL130/3 | 30.353 | 15.00 (.59) | 100 |
| 4 | STL130/4 | 30.354 | 20.00 (.79) | 50 |
| 5 | STL130/5 | 30.355 | 25.00 (.98) | 50 |
| 6 | STL130/6 | 30.356 | 30.00 (1.18) | 50 |
| 7 | STL130/7 | 30.357 | 35.00 (1.38) | 30 |

| | | | | |
|---|----------|--------|--------------|-----|
| 2 | STL132/2 | 32.502 | 10.00 (.39) | 100 |
| 3 | STL132/3 | 32.503 | 15.00 (.59) | 100 |
| 4 | STL132/4 | 32.504 | 20.00 (.79) | 50 |
| 5 | STL132/5 | 32.505 | 25.00 (.98) | 50 |
| 6 | STL132/6 | 32.506 | 30.00 (1.18) | 50 |
| 7 | STL132/7 | 32.507 | 35.00 (1.38) | 30 |

| | | | | |
|----|-----------|--------|--------------|----|
| 8 | STL130/8 | 30.358 | 40.00 (1.58) | 30 |
| 9 | STL130/9 | 30.359 | 45.00 (1.77) | 30 |
| 10 | STL130/10 | 30.360 | 50.00 (1.97) | 30 |
| 11 | STL130/11 | 30.361 | 55.00 (2.17) | 20 |
| 12 | STL130/12 | 30.362 | 60.00 (2.36) | 20 |
| 13 | STL130/13 | 30.363 | 65.00 (2.56) | 20 |
| 14 | STL130/14 | 30.364 | 70.00 (2.76) | 20 |

| | | | | |
|----|-----------|--------|--------------|----|
| 8 | STL132/8 | 32.508 | 40.00 (1.58) | 30 |
| 9 | STL132/9 | 32.509 | 45.00 (1.77) | 30 |
| 10 | STL132/10 | 32.510 | 50.00 (1.97) | 30 |
| 11 | STL132/11 | 32.511 | 55.00 (2.17) | 20 |
| 12 | STL132/12 | 32.512 | 60.00 (2.36) | 20 |
| 13 | STL132/13 | 32.513 | 65.00 (2.56) | 20 |
| 14 | STL132/14 | 32.514 | 70.00 (2.76) | 20 |

| | | | | |
|----|-----------|--------|---------------|----|
| 15 | STL130/15 | 30.365 | 75.00 (2.95) | 20 |
| 16 | STL130/16 | 30.366 | 80.00 (3.15) | 20 |
| 24 | STL130/24 | 30.374 | 120.00 (4.72) | 20 |

| | | | | |
|----|-----------|--------|---------------|----|
| 15 | STL132/15 | 32.515 | 75.00 (2.95) | 20 |
| 16 | STL132/16 | 32.516 | 80.00 (3.15) | 20 |
| 24 | STL132/24 | 32.524 | 120.00 (4.72) | 20 |

Right Angle Pin Header,
mm Pin Spacing

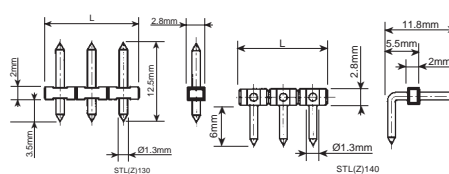
| | | | | |
|---|----------|--------|--------------|-----|
| 2 | STL140/2 | 30.472 | 10.00 (.39) | 100 |
| 3 | STL140/3 | 30.473 | 15.00 (.59) | 100 |
| 4 | STL140/4 | 30.474 | 20.00 (.79) | 50 |
| 5 | STL140/5 | 30.475 | 25.00 (.98) | 50 |
| 6 | STL140/6 | 30.476 | 30.00 (1.18) | 50 |
| 7 | STL140/7 | 30.477 | 35.00 (1.38) | 50 |

| | | | | |
|----|-----------|--------|--------------|----|
| 8 | STL140/8 | 30.478 | 40.00 (1.58) | 30 |
| 9 | STL140/9 | 30.479 | 45.00 (1.77) | 30 |
| 10 | STL140/10 | 30.480 | 50.00 (1.97) | 30 |
| 11 | STL140/11 | 30.481 | 55.00 (2.17) | 20 |
| 12 | STL140/12 | 30.482 | 60.00 (2.36) | 20 |
| 13 | STL140/13 | 30.483 | 65.00 (2.56) | 20 |
| 14 | STL140/14 | 30.484 | 70.00 (2.76) | 20 |

| | | | | |
|----|-----------|--------|---------------|----|
| 15 | STL140/15 | 30.485 | 75.00 (2.95) | 20 |
| 16 | STL140/16 | 30.486 | 80.00 (3.15) | 20 |
| 24 | STL140/24 | 30.494 | 120.00 (4.72) | 20 |

| Dimensions | | | |
|------------|-------|-------|-------|
| mm | in. | mm | in. |
| 1.00 | 0.039 | 5.50 | 0.217 |
| 1.30 | 0.051 | 6.00 | 0.236 |
| 2.00 | 0.079 | 11.80 | 0.465 |
| 2.80 | 0.110 | 12.50 | 0.492 |
| 3.50 | 0.138 | 15.00 | 0.591 |
| 5.00 | 0.197 | | |

^bTo insure proper pin positioning, install header into AK130 or AK132 Plug before soldering into board



^c Pending, STL140, STL132

