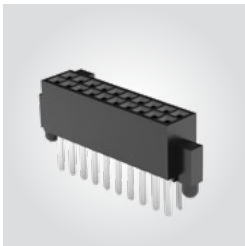
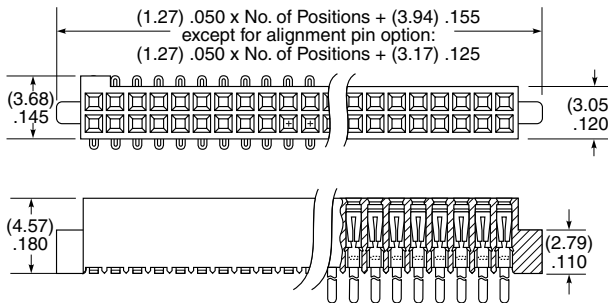
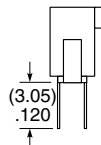
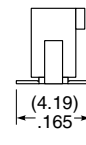
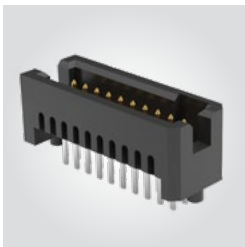
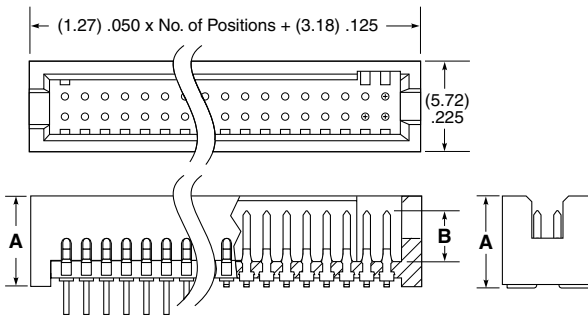


**(1.27 mm) .050" PITCH • COST-EFFECTIVE HEADER/SOCKET**

| SFC                                                                            | 1                                                                                 | NO. PINS PER ROW                                                     | LEAD STYLE                                                                                              | PLATING OPTION                                                                                                                            | D | OPTIONS                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                |                                                                                   | 04, 05, 10, 15,<br>20, 25, 30, 35,<br>40, 45, 50<br>(Standard sizes) | <b>-T1</b><br>= Through-hole<br>Tiger Eye™ LITE<br><br><b>-T2</b><br>= Surface Mount<br>Tiger Eye™ LITE | <b>-F</b><br>= Gold flash on contact,<br>Matte Tin on tail<br><br><b>-L</b><br>= 10 μ" (0.25 μm)<br>Gold on contact,<br>Matte Tin on tail |   | <b>-A</b><br>= Alignment Pin<br><br><b>-K</b><br>= (4.00 mm) .157" DIA Polyimide film<br>Pick & Place Pad<br><br><b>-TR</b><br>= Tape & Reel<br>(-T2 only)<br><br><b>-FR</b><br>= Full Reel Tape & Reel<br>(must order max. quantity per reel;<br>contact Samtec for quantity breaks)<br>(-T2 only) |
| <b>SFC</b><br><b>Board Mates:</b><br>TFC<br><b>Cable Mates:</b><br>TFSD, TFSDT |  |                                                                      |                                                                                                         |                                                                                                                                           |   |                                                                                                                                                                                                                                                                                                     |
|                                                                                |                                                                                   |                                                                      |                      |                                                                                                                                           |   | <br><b>-A OPTION</b>                                                                                                                                                                                             |
|                                                                                |                                                                                   |                                                                      |                                                                                                         |                                                                                                                                           |   | <br><b>-T1</b><br><br><b>-T2</b>                                                                                            |

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| TFC            | 1            | NO. PINS PER ROW                                                                                                       | LEAD STYLE                                                                                                                                                                                                                                                                                         | PLATING OPTION                                                                                                  | D | OPTIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |             |             |     |             |  |     |             |             |     |              |  |                                                                                                                                                                                                                                                                                                   |               |   |   |     |             |             |     |             |  |     |             |             |     |              |  |  |
|----------------|--------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------|-------------|-----|-------------|--|-----|-------------|-------------|-----|--------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---|---|-----|-------------|-------------|-----|-------------|--|-----|-------------|-------------|-----|--------------|--|--|
|                |              | 03, 04, 06, 08<br>(Lead Style -01 & -02 only)<br><br>05, 07, 10, 15, 20, 25,<br>30, 35, 40, 45, 50<br>(Standard sizes) | -X1<br>= Through-hole<br><br>-X2<br>= Surface Mount                                                                                                                                                                                                                                                | -F<br>= Gold flash on post, Matte Tin on tail<br><br>-L<br>= 15 μ" (0.38 μm)<br>Gold on post, Matte Tin on tail |   | -RA<br>= Right-angle (-01 only)<br><br>-A<br>= Alignment Pin<br><br>-LC<br>= Locking Clip (Manual Placement required) (not available with -RA)<br><br>-K<br>= (6.75 mm) .266" DIA Polyimide film Pick & Place Pad (not available with -RA)<br><br>-P<br>= Plastic Pick & Place Pad (5 positions min.) (not available with -RA)<br><br>-TR<br>= Tape & Reel (-X2 only) (not available with -RA)<br><br>-FR<br>= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (-X2 only) (not available with -RA) |     |             |             |     |             |  |     |             |             |     |              |  |                                                                                                                                                                                                                                                                                                   |               |   |   |     |             |             |     |             |  |     |             |             |     |              |  |  |
|                |              |                                     |                                                                                                                                                                                                                |                                                                                                                 |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |             |             |     |             |  |     |             |             |     |              |  |                                                                                                                                                                                                                                                                                                   |               |   |   |     |             |             |     |             |  |     |             |             |     |              |  |  |
|                |              |                                                                                                                        | <table><tr><th>SMT LEAD STYLE</th><th>A</th><th>B</th></tr><tr><td>-02</td><td>(5.72) .225</td><td>(3.38) .133</td></tr><tr><td>-12</td><td>(7.49) .295</td><td></td></tr><tr><td>-22</td><td>(9.27) .365</td><td>(3.30) .130</td></tr><tr><td>-32</td><td>(11.18) .440</td><td></td></tr></table> | SMT LEAD STYLE                                                                                                  | A | B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -02 | (5.72) .225 | (3.38) .133 | -12 | (7.49) .295 |  | -22 | (9.27) .365 | (3.30) .130 | -32 | (11.18) .440 |  | <table><tr><th>TH LEAD STYLE</th><th>A</th><th>B</th></tr><tr><td>-01</td><td>(5.59) .220</td><td>(3.38) .133</td></tr><tr><td>-11</td><td>(7.37) .290</td><td></td></tr><tr><td>-21</td><td>(9.14) .360</td><td>(3.30) .130</td></tr><tr><td>-31</td><td>(11.05) .435</td><td></td></tr></table> | TH LEAD STYLE | A | B | -01 | (5.59) .220 | (3.38) .133 | -11 | (7.37) .290 |  | -21 | (9.14) .360 | (3.30) .130 | -31 | (11.05) .435 |  |  |
| SMT LEAD STYLE | A            | B                                                                                                                      |                                                                                                                                                                                                                                                                                                    |                                                                                                                 |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |             |             |     |             |  |     |             |             |     |              |  |                                                                                                                                                                                                                                                                                                   |               |   |   |     |             |             |     |             |  |     |             |             |     |              |  |  |
| -02            | (5.72) .225  | (3.38) .133                                                                                                            |                                                                                                                                                                                                                                                                                                    |                                                                                                                 |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |             |             |     |             |  |     |             |             |     |              |  |                                                                                                                                                                                                                                                                                                   |               |   |   |     |             |             |     |             |  |     |             |             |     |              |  |  |
| -12            | (7.49) .295  |                                                                                                                        |                                                                                                                                                                                                                                                                                                    |                                                                                                                 |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |             |             |     |             |  |     |             |             |     |              |  |                                                                                                                                                                                                                                                                                                   |               |   |   |     |             |             |     |             |  |     |             |             |     |              |  |  |
| -22            | (9.27) .365  | (3.30) .130                                                                                                            |                                                                                                                                                                                                                                                                                                    |                                                                                                                 |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |             |             |     |             |  |     |             |             |     |              |  |                                                                                                                                                                                                                                                                                                   |               |   |   |     |             |             |     |             |  |     |             |             |     |              |  |  |
| -32            | (11.18) .440 |                                                                                                                        |                                                                                                                                                                                                                                                                                                    |                                                                                                                 |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |             |             |     |             |  |     |             |             |     |              |  |                                                                                                                                                                                                                                                                                                   |               |   |   |     |             |             |     |             |  |     |             |             |     |              |  |  |
| TH LEAD STYLE  | A            | B                                                                                                                      |                                                                                                                                                                                                                                                                                                    |                                                                                                                 |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |             |             |     |             |  |     |             |             |     |              |  |                                                                                                                                                                                                                                                                                                   |               |   |   |     |             |             |     |             |  |     |             |             |     |              |  |  |
| -01            | (5.59) .220  | (3.38) .133                                                                                                            |                                                                                                                                                                                                                                                                                                    |                                                                                                                 |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |             |             |     |             |  |     |             |             |     |              |  |                                                                                                                                                                                                                                                                                                   |               |   |   |     |             |             |     |             |  |     |             |             |     |              |  |  |
| -11            | (7.37) .290  |                                                                                                                        |                                                                                                                                                                                                                                                                                                    |                                                                                                                 |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |             |             |     |             |  |     |             |             |     |              |  |                                                                                                                                                                                                                                                                                                   |               |   |   |     |             |             |     |             |  |     |             |             |     |              |  |  |
| -21            | (9.14) .360  | (3.30) .130                                                                                                            |                                                                                                                                                                                                                                                                                                    |                                                                                                                 |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |             |             |     |             |  |     |             |             |     |              |  |                                                                                                                                                                                                                                                                                                   |               |   |   |     |             |             |     |             |  |     |             |             |     |              |  |  |
| -31            | (11.05) .435 |                                                                                                                        |                                                                                                                                                                                                                                                                                                    |                                                                                                                 |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |             |             |     |             |  |     |             |             |     |              |  |                                                                                                                                                                                                                                                                                                   |               |   |   |     |             |             |     |             |  |     |             |             |     |              |  |  |

Note:

**Note:**  
Some lengths, styles and  
options are non-standard,  
non-returnable.

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