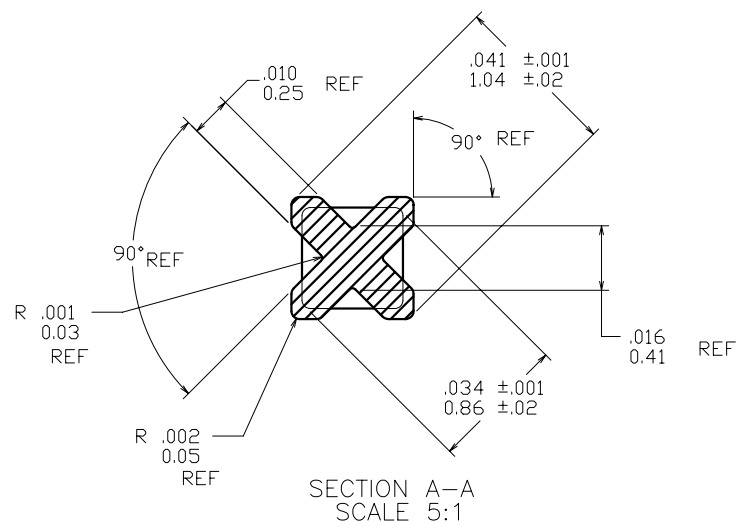
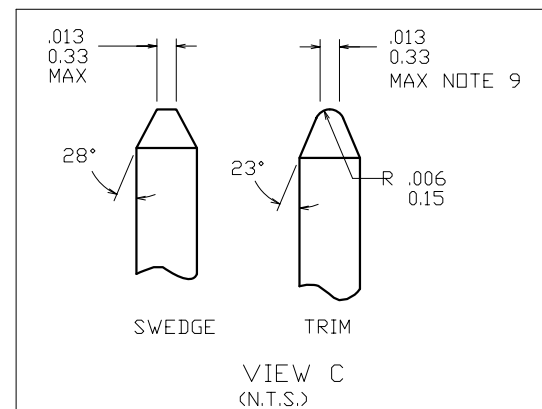
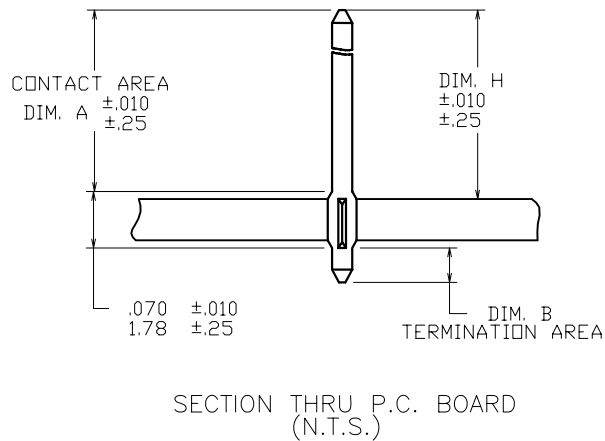
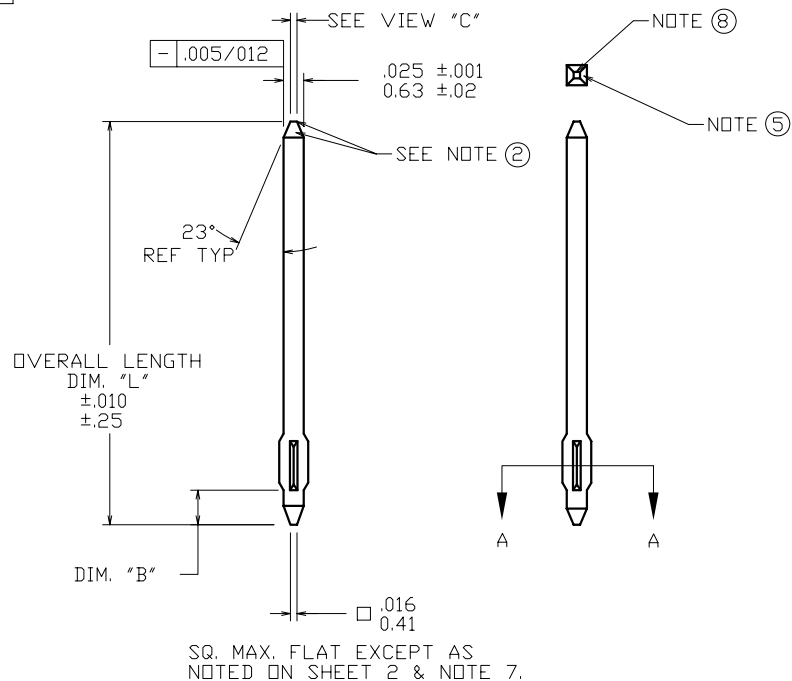


PRODUCT NUMBER  
 SEE TABLE


| mat'l. code<br>SEE NOTE 1 |          |     |            | surface<br>ASME Y14.5                 | tolerance<br>ASME Y14.5 | projection | product family<br>PIN PRODUCTS                |                   |
|---------------------------|----------|-----|------------|---------------------------------------|-------------------------|------------|-----------------------------------------------|-------------------|
| ltr                       | ec'n no  | dr  | date       | tolerances unless otherwise specified |                         |            | title                                         |                   |
| S                         | V08-0354 | HTB | 2008-08-22 | angles                                | XX±01/XX±3              | INCH/MM    | BERGPIN® LOOSE PIECE<br>.041"[1.04] DIA. STAR |                   |
| -                         | -        | -   | -          |                                       | XXX±.005/XXX±.13        |            |                                               |                   |
| L                         | V71498   | HTB | 1997-10-28 | 0°±2'                                 | XXXX±.0020/XXX±.051     | scale 5:1  | dwg no                                        | sheet 1 of 4 size |
| M                         | V80743   | SAR | 1998-05-01 | dr                                    | J. SHREINER             | 1990-01-08 | 76201                                         | A4                |
| N                         | V01594   | JRW | 2000-07-12 | engr                                  | K.D. PATEL              | 1990-01-08 |                                               |                   |
| P                         | V05-0375 | VS  | 2005-04-22 | chr                                   | K.D. PATEL              | 1990-01-08 | type                                          | CUSTOMER Drawing  |
| R                         | V06-0684 | HTB | 2006-07-24 | appd                                  | K.D. PATEL              | 1990-01-08 |                                               |                   |
| sheet                     | revision | S   | S          | S                                     | S                       |            |                                               |                   |
| index                     | sheet    | 1   | 2          | 3                                     | 4                       |            |                                               |                   |

| PART NUMBER | PLATING                     | UNDERPLATING        |
|-------------|-----------------------------|---------------------|
| 76201-YYY   | 30μ" [0.76μ] MIN Au         | 50μ" [1.27μ] MIN Ni |
| 76201-YYLFF |                             |                     |
| 76202-YYY   | U N A S S I G N E D         |                     |
| 76203-YYY   | 50μ" [1.27μ] MIN Au         | 50μ" [1.27μ] MIN Ni |
| 76203-YYLFF |                             |                     |
| 76204-YYY   | 120μ" [3.05μ] MIN 93/7 SnPb | 50μ" [1.27μ] MIN Ni |
| 76204-YYLFF | 100μ" [2.54μ] MIN Sn        | 50μ" [1.27μ] MIN Ni |
| 76205-YYY   | 30μ" [0.76μ MIN GXT™        | 50μ" [1.27μ] MIN Ni |
| 76205-YYLFF |                             |                     |
| 76206-YYY   | 15μ" [0.38μ] MIN GXT™       | 50μ" [1.27μ] MIN Ni |
| 76206-YYLFF |                             |                     |
| 76207-YYY   | U N A S S I G N E D         |                     |
| 76208-YYY   | U N A S S I G N E D         |                     |
| 76209-YYY   | 15μ" [0.38μ] MIN Au         | 50μ" [1.27μ] MIN Ni |
| 76209-YYLFF |                             |                     |

NOTE 6 — DISCONTINUED

NOTE 13

## NOTES.

- PIN MATERIAL : PHOS BRONZE 3/4 HARD
- BURNISH MARKS ON PIN PERMITTED. BURR .003 [0.07] MAX. BULGE .0005 [0.013] MAX. TYP.
- SEE PRODUCT SPECIFICATION BUS-12-064 FOR P.C. BOARD HOLE DIAMETER AND P.C. BOARD HOLE PLATING INFORMATION.
- THE .041±.001 [1.04±.02] FEATURE SHALL BE CONCENTRIC TO THE WIRE DIAGONAL WITHIN .004 [0.10] T.I.R.
- .002 [0.05] R. MAX TYP 4 PLACES ON WIRE WRAP PORTION OF PIN.
- 76204-YYY IS NOT RoHS COMPLIANT.
- DOUBLE ENDED PINS AS MARKED MUST MEET SPEC. ON VIEW C ON BOTH ENDS.
- TWO SIDES OF LEAD-IN NOT PLATED TYP BOTH ENDS.
- .016 [0.41] MAX. DIM. IF "B" END LESS THAN .230 [1.34].
- CENTERLINE OF TERMINAL MUST BE IN TRUE POSITION WITHIN .016 [0.41] DIA. WITH RESPECT TO THE HOLE AXIS AFTER INSERTION IN P.C. BOARD.
- DIMENSION LISTED IS REF DIM FOR .062 [1.57] BOARD ONLY  
H = A-.010 [0.25] FOR .093 [2.36] BOARD  
H = A-.025 [0.64] FOR .125 [3.18] BOARD
- ADD AN LF SUFFIX TO PART NUMBER FOR PRODUCT THAT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS.

|             |                |            |            |                       |
|-------------|----------------|------------|------------|-----------------------|
| mat'l. code | surface        | tolerance  | projection | product family        |
| SEE NOTE 1  | ASME Y14.5     | ASME Y14.5 |            | PIN PRODUCTS          |
| ltr         | ecr no         | dr         | date       | title                 |
| s           |                |            |            | BERGPIN® LOOSE PIECE  |
|             |                |            |            | .041"[1.04] DIA. STAR |
|             |                |            |            | dwg no                |
|             |                |            |            | 76201                 |
|             |                |            |            | type                  |
|             |                |            |            | CUSTOMER Drawing      |
| sheet index | revision sheet |            |            |                       |



| PRODUCT NUMBER | CONTACT AREA |        | TERMINATION AREA |        | NOTE 11 |        | OVERALL LENGTH |        |        |
|----------------|--------------|--------|------------------|--------|---------|--------|----------------|--------|--------|
| NOTE 12        | DIM A        | DIM A  | DIM B            | DIM B  | DIM H   | DIM H  | DIM L          | DIM L  |        |
|                | ENGLISH      | METRIC | ENGLISH          | METRIC | ENGLISH | METRIC | ENGLISH        | METRIC | NOTES  |
| 7620X-001      | 0.278        | 7.06   | 0.042            | 1.07   | 0.283   | 7.19   | 0.390          | 9.91   | —      |
| 7620X-002      | 0.308        | 7.82   | 0.042            | 1.07   | 0.313   | 7.95   | 0.420          | 10.67  | —      |
| 7620X-003      | 0.285        | 7.24   | 0.075            | 1.91   | 0.290   | 7.37   | 0.430          | 10.92  | —      |
| 7620X-004      | 0.315        | 8.00   | 0.055            | 1.40   | 0.320   | 8.13   | 0.440          | 11.18  | —      |
| 7620X-005      | 0.315        | 8.00   | 0.075            | 1.91   | 0.320   | 8.13   | 0.460          | 11.68  | —      |
| 7620X-006      | 0.368        | 9.35   | 0.042            | 1.07   | 0.373   | 9.47   | 0.480          | 12.19  | —      |
| 7620X-007      | 0.375        | 9.53   | 0.055            | 1.40   | 0.380   | 9.65   | 0.500          | 12.70  | —      |
| 7620X-008      | 0.315        | 8.00   | 0.125            | 3.18   | 0.320   | 8.13   | 0.510          | 12.95  | NOTE 7 |
| 7620X-009      | 0.405        | 10.29  | 0.042            | 1.07   | 0.410   | 10.41  | 0.517          | 13.13  | —      |
| 7620X-010      | 0.315        | 8.00   | 0.155            | 3.94   | 0.320   | 8.13   | 0.540          | 13.72  | NOTE 7 |
| 7620X-011      | 0.428        | 10.87  | 0.042            | 1.07   | 0.433   | 11.00  | 0.540          | 13.72  | —      |
| 7620X-012      | 0.475        | 12.07  | 0.055            | 1.40   | 0.480   | 12.19  | 0.600          | 15.24  | —      |
| 7620X-013      | 0.405        | 10.29  | 0.135            | 3.43   | 0.410   | 10.41  | 0.610          | 15.49  | NOTE 7 |
| 7620X-014      | 0.508        | 12.90  | 0.042            | 1.07   | 0.513   | 13.03  | 0.620          | 15.75  | —      |
| 7620X-015      | 0.698        | 17.73  | 0.042            | 1.07   | 0.703   | 17.86  | 0.810          | 20.57  | —      |
| 7620X-016      | 0.760        | 19.30  | 0.040            | 1.02   | 0.763   | 19.38  | 0.870          | 22.10  | —      |
| 7620X-017      | 0.315        | 8.00   | 0.255            | 6.48   | 0.320   | 8.13   | 0.640          | 16.26  | NOTE 7 |
| 7620X-018      | 0.405        | 10.29  | 0.055            | 1.40   | 0.410   | 10.41  | 0.530          | 13.46  | —      |
| 7620X-019      | 0.443        | 11.25  | 0.315            | 8.00   | 0.448   | 11.38  | 0.828          | 21.03  | NOTE 7 |
| 7620X-020      | 0.631        | 16.03  | 0.315            | 8.00   | 0.636   | 16.15  | 1.016          | 25.81  | NOTE 7 |
| 7620X-021      | 0.315        | 8.00   | 0.179            | 4.55   | 0.320   | 8.13   | 0.564          | 14.33  | NOTE 7 |
| 7620X-022      | 0.625        | 15.88  | 0.245            | 6.22   | 0.630   | 16.00  | 0.940          | 23.88  | NOTE 7 |
| 7620X-023      | 0.230        | 5.84   | 0.045            | 1.14   | 0.235   | 5.97   | 0.345          | 8.76   | —      |
| 7620X-024      | 0.575        | 14.61  | 0.045            | 1.14   | 0.580   | 14.73  | 0.690          | 17.53  | —      |
| 7620X-025      |              | U N A  | S S I G          | N E D  |         |        |                |        |        |
| 7620X-026      | 0.625        | 15.88  | 0.355            | 9.02   | 0.630   | 16.00  | 1.050          | 26.67  | —      |
| 7620X-027      |              | U N A  | S S I G          | N E D  |         |        |                |        |        |
| 7620X-028      |              | U N A  | S S I G          | N E D  |         |        |                |        |        |
| 7620X-029      | 0.755        | 19.18  | 0.337            | 8.56   | 0.760   | 19.30  | 1.162          | 29.51  | —      |
| 7620X-030      | 0.490        | 12.45  | 0.140            | 3.56   | 0.495   | 12.57  | 0.700          | 17.78  | NOTE 7 |
| 7620X-031      | 0.590        | 14.99  | 0.140            | 3.56   | 0.595   | 15.11  | 0.800          | 20.32  | NOTE 7 |
| 7620X-032      | 0.298        | 7.57   | 0.052            | 1.32   | 0.303   | 7.70   | 0.420          | 10.67  | —      |
| 7620X-033      | 0.398        | 10.11  | 0.042            | 1.07   | 0.403   | 10.24  | 0.510          | 12.95  | —      |
| 7620X-034      | 0.468        | 11.89  | 0.042            | 1.07   | 0.473   | 12.01  | 0.580          | 14.73  | —      |
| 7620X-035      | 0.468        | 11.89  | 0.502            | 12.75  | 0.473   | 12.01  | 1.040          | 26.42  | NOTE 7 |

|                           |        |                         |      |                                       |                   |                |  |                                |  |
|---------------------------|--------|-------------------------|------|---------------------------------------|-------------------|----------------|--|--------------------------------|--|
| mat'l. code<br>SEE NOTE 1 |        | surface<br>ASME Y14.5 ✓ |      | tolerance<br>ASME Y14.5               |                   | projection<br> |  | product family<br>PIN PRODUCTS |  |
| ltr                       | ecn no | dr                      | date | tolerances unless otherwise specified |                   | INCH/MM        |  | title                          |  |
| s                         |        |                         |      | angles                                | XX*01/XX*3        |                |  | BERGPIN® LOOSE PIECE           |  |
|                           |        |                         |      |                                       | XXX*005/XX*13     |                |  | .041"[1.04] DIA. STAR          |  |
|                           |        |                         |      | 0"±2"                                 | XXXX*0020/XXX*051 | scale 1:1      |  | dwg no                         |  |
|                           |        |                         |      | dr                                    | T. BREWBAKER      | 1996-07-02     |  | sheet 3 of 4                   |  |
|                           |        |                         |      | engr                                  | L. FYE            | 1996-07-02     |  | size                           |  |
|                           |        |                         |      | chr                                   | T. BREWBAKER      | 1996-07-02     |  | A4                             |  |
|                           |        |                         |      | appd                                  | L. FYE            | 1996-07-02     |  | type                           |  |
| sheet index               |        | revision sheet          |      |                                       |                   |                |  | CUSTOMER Drawing               |  |



| PRODUCT NUMBER | CONTACT AREA |        | TERMINATION AREA |        | NOTE 11 |        | OVERALL LENGTH |        |        |
|----------------|--------------|--------|------------------|--------|---------|--------|----------------|--------|--------|
| NOTE 12        | DIM A        | DIM A  | DIM B            | DIM B  | DIM H   | DIM H  | DIM L          | DIM L  |        |
|                | ENGLISH      | METRIC | ENGLISH          | METRIC | ENGLISH | METRIC | ENGLISH        | METRIC | NOTES  |
| 7620X-036      | 0.305        | 7.75   | 0.315            | 8.00   | 0.313   | 7.95   | 0.690          | 17.53  | NOTE 7 |
| 7620X-037      | 0.448        | 11.38  | 0.042            | 1.07   | 0.453   | 11.51  | 0.560          | 14.22  | —      |
| 7620X-038      | 0.228        | 5.79   | 0.042            | 1.07   | 0.233   | 5.92   | 0.340          | 8.64   | —      |
| 7620X-039      | 0.628        | 15.95  | 0.042            | 1.07   | 0.633   | 16.08  | 0.740          | 18.80  | —      |
| 7620X-040      | 0.288        | 7.32   | 0.042            | 1.07   | 0.293   | 7.44   | 0.400          | 10.16  | —      |
| 7620X-041      | 0.308        | 7.82   | 0.142            | 3.61   | 0.313   | 7.95   | 0.520          | 13.21  | NOTE 7 |
| 7620X-042      | 0.285        | 7.24   | 0.287            | 7.29   | 0.290   | 7.37   | 0.642          | 16.31  | NOTE 7 |
| 7620X-043      | 0.308        | 7.82   | 0.212            | 5.38   | 0.313   | 7.95   | 0.590          | 14.99  | —      |
| 7620X-044      | 0.522        | 13.26  | 0.103            | 2.62   | 0.527   | 13.39  | 0.695          | 17.65  | —      |
| 7620X-045      | 0.522        | 13.26  | 0.538            | 13.67  | 0.527   | 13.39  | 1.130          | 28.70  | NOTE 7 |
| 7620X-046      | 0.595        | 15.11  | 0.353            | 8.97   | 0.600   | 15.24  | 1.018          | 25.86  | —      |
| 7620X-047      | 0.595        | 15.11  | 0.325            | 8.26   | 0.580   | 14.73  | 0.990          | 25.15  | —      |
| 7620X-048      | 0.320        | 8.13   | 0.045            | 1.14   | 0.325   | 8.26   | 0.435          | 11.05  | —      |

|                           |        |                |      |                                       |              |                         |  |                                                                                                     |  |                                               |  |  |  |
|---------------------------|--------|----------------|------|---------------------------------------|--------------|-------------------------|--|-----------------------------------------------------------------------------------------------------|--|-----------------------------------------------|--|--|--|
| mat'l. code<br>SEE NOTE 1 |        |                |      | surface<br>ASME Y14.5                 |              | tolerance<br>ASME Y14.5 |  | projection<br> |  | product family<br>PIN PRODUCTS                |  |  |  |
| ltr                       | ecr no | dr             | date | tolerances unless otherwise specified |              |                         |  |                                                                                                     |  | title                                         |  |  |  |
| s                         |        |                |      | angles                                |              | XX*.01/X*.3             |  | INCH/MM                                                                                             |  | BERGPIN® LOOSE PIECE<br>.041"[1.04] DIA. STAR |  |  |  |
|                           |        |                |      | 0°±2'                                 |              | XXX*.005/XXX*.13        |  |                                                                                                     |  |                                               |  |  |  |
|                           |        |                |      |                                       |              | XXXX*.0020/XXX*.051     |  | scale 1:1                                                                                           |  | dwg no<br>76201<br>sheet 4 of 4<br>size<br>A4 |  |  |  |
|                           |        |                |      | dr                                    | T. BREWBAKER | 1996-07-02              |  |                |  |                                               |  |  |  |
|                           |        |                |      | engr                                  | L. FYE       | 1996-07-02              |  |                                                                                                     |  |                                               |  |  |  |
|                           |        |                |      | chr                                   | T. BREWBAKER | 1996-07-02              |  |                                                                                                     |  |                                               |  |  |  |
|                           |        |                |      | appd                                  | L. FYE       | 1996-07-02              |  |                                                                                                     |  |                                               |  |  |  |
| sheet index               |        | revision sheet |      |                                       |              |                         |  |                                                                                                     |  | type<br>CUSTOMER Drawing                      |  |  |  |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[76201-011](#) [76201-001](#) [76201-002](#) [76201-023](#) [76201-037](#) [76203-002](#) [76203-003](#) [76203-006](#) [76205-014](#) [76209-002](#) [76209-014](#) [76209-018](#) [76209-019](#) [76209-023](#) [76201-009](#) [76201-033](#) [76205-024](#) [76209-005](#) [76205-002](#)  
[76201-010](#) [76201-020](#) [76201-004](#) [76209-001](#)