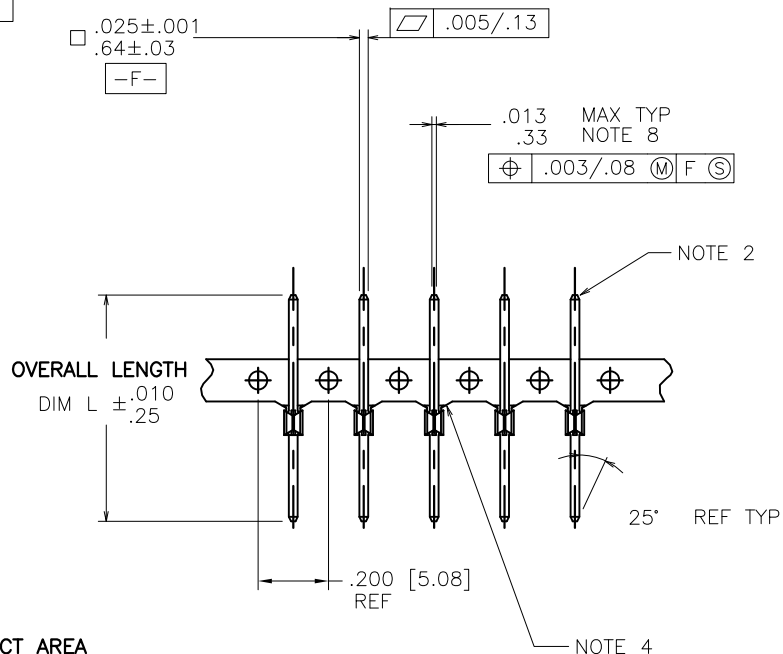


PRODUCT NUMBER  
SEE TABLE



CONTACT AREA

DIM A ±.010  
±.25

DIM H REF

TERMINATION AREA

DIM B  
NOTE 8&12

SECTION THRU PC BOARD

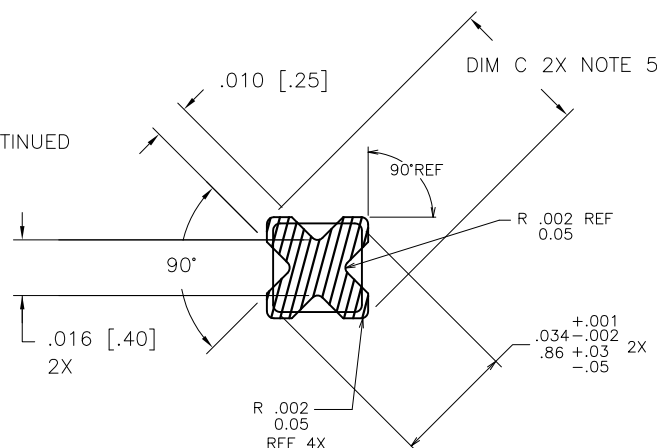
| mat'l. code<br>SEE NOTE 1 |          |     |            | surface<br>ASME Y14.5                 | tolerance<br>ASME Y14.5 | projection | product family         |
|---------------------------|----------|-----|------------|---------------------------------------|-------------------------|------------|------------------------|
| ltr                       | ecm no   | dr  | date       | tolerances unless otherwise specified |                         |            | PIN PRODUCTS           |
| BC                        | V08-0353 | HTB | 2008-08-14 | angles                                | XX*.01/X*.3             | INCH/MM    | title                  |
| BD                        | V08-0496 | HTB | 2008-11-12 |                                       | XXX*.005/XX*.13         |            | BERGPIN® .200"[5.08]cc |
| BE                        | V10-0386 | HTB | 2010-10-20 | 0° ±2°                                | XXXX*.0020/XXX*.051     | scale 1:1  | .039"[0.99] DIA. STAR  |
| -                         | -        | -   | -          | dr                                    | M. CORNMANN             | 1990-02-22 | dwg no                 |
| AY                        | V01279   | LSS | 2000-05-25 | enfr                                  | K.D. PATEL              | 1990-02-22 | sheet 1 of 5           |
| BA                        | V05-0399 | HTB | 2005-04-28 | chr                                   | E. IORFIDO              | 1992-12-21 | size                   |
| BB                        | V06-0684 | HTB | 2006-07-21 | appd                                  | E. IORFIDO              | 1992-12-21 | A4                     |
| sheet                     | revision | BE  | BE         | BE                                    | BE                      | BE         | type                   |
| index                     | sheet    | 1   | 2          | 3                                     | 4                       | 5          | CUSTOMER Drawing       |

| PRODUCT NUMBER<br>NOTE 14 | PLATING                                | UNDERPLATING                   |
|---------------------------|----------------------------------------|--------------------------------|
| 75401-YYY                 | 30μ" [0.76μ] MIN Au                    | 50μ" [1.27μ] MIN Ni            |
| 75401-YYLFF               |                                        |                                |
| 75403-YYY                 | 50μ" [1.27μ] MIN Au                    | 50μ" [1.27μ] MIN Ni            |
| 75403-YYLFF               |                                        |                                |
| 75404-YYY                 | <del>120μ" [3.05μ] MIN 93/7 SnPb</del> | <del>50μ" [1.27μ] MIN Ni</del> |
| 75404-YYLFF               | 100μ" [2.54μ] MIN Sn (NOTE 15)         | 50μ" [1.27μ] MIN Ni            |
| 75405-YYY                 | 30μ" [0.76μ] MIN GXT™                  | 50μ" [1.27μ] MIN Ni            |
| 75405-YYLFF               |                                        |                                |
| 75406-YYY                 | 15μ" [0.38μ] MIN GXT™                  | 50μ" [1.27μ] MIN Ni            |
| 75406-YYLFF               |                                        |                                |
| 75409-YYY                 | 15μ" [0.38μ] MIN Au                    | 50μ" [1.27μ] MIN Ni            |
| 75409-YYLFF               |                                        |                                |

## NOTES:

- ① PIN MATERIAL: PHOS-BRONZE 3/4 HARD ASTM B-159-66.
- ② BURNISH MARKS ON PIN PERMITTED. BURR .003 [0.08] MAX TYP. BULGE .0005 [0.013] MAX TYP.
3. SEE PRODUCT SPECIFICATION BUS-12-064 FOR P.C. BOARD HOLE DIAMETER AND P.C. BOARD HOLE PLATING INFORMATION.
- ④ FOR MANUFACTURING PURPOSES ONLY.
- ⑤ THE .039+.001,-.002 [0.99+.03,-.05] FEATURE SHALL BE CONCENTRIC TO THE WIRE DIAGONAL WITHIN .004 [0.10] TIR.
- ⑥ .002 [0.05] R MAX TYP 4 PLACES ON WIRE WRAP PORTION OF PIN.
- ⑦ USE FIRST TWO DIGITS OF "H" DIMENSION FOR DASH NUMBER OF PUNCH FROM MACHINE EPL;  
 PUNCH P/N FROM EPL  
 EXAMPLE:  
 75402-001 "H" .062 [1.57]. BD,=.235  
 BP151 -YYYYY-023  
 BP171 -ZZZZZ-023
- ⑧ IF "B" DIM. IS .235 [5.96] OR LESS, THE MAX. FLAT MAY BE .016 [0.41].
- ⑨ TOLERANCE: +.001 [0.03],-.002 [0.05].
- ⑩ TOLERANCE: ±.001 [0.03].
- ⑪ NOT RECOMMENDED FOR BP 161 STYLE MACHINES.
- ⑫ IF DIMENSION B IS LESS THAN .030 [0.76], THE MAX FLAT MAY BE .016 [0.41] REF WITH .010 [0.25] LONG LEAD-IN ANGLES.

DISCONTINUED


 SCALE 10/1  
 WITHOUT FERRULE

13. CENTER LINE OF TERMINAL MUST BE IN A TRUE POSITION WITHIN .015 [0.38] DIA. WITH RESPECT TO THE HOLE AXIS AFTER INSERTION IN PC BOARD.
- ⑭ ADD AN LF SUFFIX TO PART NUMBERS FOR PRODUCT THAT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- ⑮ 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                            |                       | INCH/MM    |  | PIN PRODUCTS           |  |
| ltr         | ecr no         | dr         | date | tolerances unless otherwise specified |                       | scale      |  | title                  |  |
| BE          |                |            |      | angles                                | XX*.01/X*.3           | 1:1        |  | BERGPIN® .200"[5.08]cc |  |
|             |                |            |      | dr                                    | XXX*.005/XXX*.13      |            |  | .039"[0.99] DIA. STAR  |  |
|             |                |            |      | 0° ±2'                                | XXXX*.0020/XXX*.051   |            |  | dwg no                 |  |
|             |                |            |      | enr                                   | M. CORNMAN 1990-02-22 |            |  | sheet 2 of 5           |  |
|             |                |            |      | chr                                   | K.D. PATEL 1990-02-22 |            |  | size                   |  |
|             |                |            |      | appd                                  | E. IORFIDO 1992-12-21 |            |  | 75401                  |  |
|             |                |            |      |                                       | E. IORFIDO 1992-12-21 |            |  | A4                     |  |
| sheet index | revision sheet |            |      |                                       |                       |            |  | type CUSTOMER Drawing  |  |



| PRODUCT<br>NUMBER<br>NOTE 14 | CONTACT<br>AREA<br>DIM A | TERMINATION<br>AREA<br>DIM B | DIM C    |        | DIM H FOR<br>.062<br>BOARD | DIM H FOR<br>.093<br>BOARD | DIM H FOR<br>.125<br>BOARD | OVERALL<br>LENGTH<br>DIM L | CUSTOMER<br>RESTRICTED |
|------------------------------|--------------------------|------------------------------|----------|--------|----------------------------|----------------------------|----------------------------|----------------------------|------------------------|
| 7540X-001                    | .230/5.84                | .045/1.14                    | .039/.99 | NOTE 9 | .235/5.97                  | .220/5.59                  | .205/5.21                  | .345/8.76                  | NO                     |
| 7540X-002                    | .265/6.73                | .045/1.14                    | .039/.99 | NOTE 9 | .270/6.86                  | .255/6.48                  | .240/6.10                  | .380/9.65                  | NO                     |
| 7540X-003                    | .345/8.76                | .045/1.14                    | .039/.99 | NOTE 9 | .350/8.89                  | .335/8.51                  | .320/8.13                  | .460/11.68                 | NO                     |
| 7540X-004                    | .400/10.16               | .045/1.14                    | .039/.99 | NOTE 9 | .405/10.29                 | .390/9.91                  | .375/9.53                  | .515/13.08                 | NO                     |
| 7540X-005                    | .415/10.54               | .045/1.14                    | .039/.99 | NOTE 9 | .420/10.67                 | .405/10.29                 | .390/9.91                  | .530/13.46                 | NO                     |
| 7540X-006                    | .435/11.05               | .045/1.14                    | .039/.99 | NOTE 9 | .440/11.18                 | .425/10.80                 | .410/10.41                 | .550/13.97                 | NO                     |
| 7540X-007                    | .465/11.81               | .045/1.14                    | .039/.99 | NOTE 9 | .470/11.94                 | .455/11.56                 | .440/11.18                 | .580/14.73                 | NO                     |
| 7540X-008                    | .515/13.08               | .045/1.14                    | .039/.99 | NOTE 9 | .520/13.21                 | .505/12.83                 | .490/12.45                 | .630/16.00                 | NO                     |
| 7540X-009                    | .570/14.48               | .045/1.14                    | .039/.99 | NOTE 9 | .575/14.61                 | .560/14.22                 | .545/13.84                 | .685/17.40                 | NO                     |
| 7540X-010                    | .585/14.86               | .045/1.14                    | .039/.99 | NOTE 9 | .590/14.99                 | .575/14.61                 | .560/14.22                 | .700/17.78                 | NO                     |
| 7540X-011                    | .635/16.13               | .045/1.14                    | .039/.99 | NOTE 9 | .640/16.26                 | .625/15.88                 | .610/15.49                 | .750/19.05                 | NO                     |
| 7540X-012                    | .655/16.64               | .045/1.14                    | .039/.99 | NOTE 9 | .660/16.76                 | .645/16.38                 | .630/16.00                 | .770/19.56                 | NO                     |
| 7540X-013                    | .745/18.92               | .045/1.14                    | .039/.99 | NOTE 9 | .750/19.05                 | .735/18.67                 | .720/18.29                 | .860/21.84                 | NO                     |
| 7540X-014                    | .265/6.73                | .245/6.22                    | .039/.99 | NOTE 9 | .270/6.86                  | .255/6.48                  | .240/6.10                  | .580/14.73                 | NO                     |
| 7540X-015                    | .345/8.76                | .245/6.22                    | .039/.99 | NOTE 9 | .350/8.89                  | .335/8.51                  | .320/8.13                  | .660/16.76                 | NO                     |
| 7540X-016                    | .400/10.16               | .245/6.22                    | .039/.99 | NOTE 9 | .405/10.29                 | .390/9.91                  | .375/9.53                  | .715/18.16                 | NO                     |
| 7540X-017                    | .465/11.81               | .245/6.22                    | .039/.99 | NOTE 9 | .470/11.94                 | .455/11.56                 | .440/11.18                 | .780/19.81                 | NO                     |
| 7540X-018                    | .570/14.48               | .245/6.22                    | .039/.99 | NOTE 9 | .575/14.61                 | .560/14.22                 | .545/13.84                 | .885/22.48                 | NO                     |
| 7540X-019                    | .625/15.88               | .245/6.22                    | .039/.99 | NOTE 9 | .630/16.00                 | .615/15.62                 | .600/15.24                 | .940/23.88                 | NO                     |
| 7540X-020                    | .655/16.64               | .245/6.22                    | .039/.99 | NOTE 9 | .660/16.76                 | .645/16.38                 | .630/16.00                 | .970/24.64                 | NO                     |
| 7540X-021                    | .265/6.73                | .355/9.02                    | .039/.99 | NOTE 9 | .270/6.86                  | .255/6.48                  | .240/6.10                  | .690/17.53                 | NO                     |
| 7540X-022                    | .345/8.76                | .355/9.02                    | .039/.99 | NOTE 9 | .350/8.89                  | .335/8.51                  | .320/8.13                  | .770/19.56                 | NO                     |
| 7540X-023                    | .400/10.16               | .355/9.02                    | .039/.99 | NOTE 9 | .405/10.29                 | .390/9.91                  | .375/9.53                  | .825/20.96                 | NO                     |
| 7540X-024                    | .465/11.81               | .355/9.02                    | .039/.99 | NOTE 9 | .470/11.94                 | .455/11.56                 | .440/11.18                 | .890/22.61                 | NO                     |
| 7540X-025                    | .570/14.48               | .355/9.02                    | .039/.99 | NOTE 9 | .575/14.61                 | .560/14.22                 | .545/13.84                 | .995/25.27                 | NO                     |
| 7540X-026                    | .625/15.88               | .355/9.02                    | .039/.99 | NOTE 9 | .630/16.00                 | .615/15.62                 | .600/15.24                 | 1.050/26.67                | NO                     |
| 7540X-027                    | .655/16.64               | .355/9.02                    | .039/.99 | NOTE 9 | .660/16.76                 | .645/16.38                 | .630/16.00                 | 1.080/27.43                | NO                     |
| 7540X-028                    | .305/7.75                | .035/0.89                    | .039/.99 | NOTE 9 | .310/7.87                  | .295/7.49                  | .280/7.11                  | .410/10.41                 | NO                     |
| 7540X-029                    | .755/19.18               | .345/8.76                    | .039/.99 | NOTE 9 | .760/19.30                 | .745/18.92                 | .730/18.54                 | 1.170/29.72                | NO                     |
| 7540X-030                    | .710/18.03               | .345/8.76                    | .039/.99 | NOTE 9 | .715/18.16                 | .700/17.78                 | .685/17.40                 | 1.125/28.58                | NO                     |
| 7540X-031                    | .545/13.84               | .198/5.03                    | .039/.99 | NOTE 9 | .550/13.97                 | .535/13.59                 | .520/13.21                 | .813/20.65                 | NO                     |
| 7540X-032                    |                          |                              |          |        |                            |                            |                            |                            |                        |
| 7540X-033                    | .335/8.51                | .375/9.53                    | .039/.99 | NOTE 9 | .340/8.64                  | .325/8.26                  | .310/7.87                  | .780/19.81                 | NO                     |
| 7540X-034                    | .535/13.59               | .045/1.14                    | .039/.99 | NOTE 9 | .540/13.72                 | .525/13.34                 | .510/12.95                 | .650/16.51                 | NO                     |
| 7540X-035                    | .560/14.22               | .260/6.60                    | .039/.99 | NOTE 9 | .565/14.35                 | .550/13.97                 | .535/13.59                 | .890/22.61                 | NO                     |

mat'l. code

SEE NOTE 1

surface

tolerance

projection

product family

ltr

ecr no

dr

date

ASME Y14.5

tolerances unless otherwise specified

BE

angles

XX\*.01/X\*.3

0° ±2'

XXX\*.005/XXX\*.13

XXXX\*.0020/XXX\*.051

dr

M. CORNMEN

1990-02-22

enr

K.D. PATEL

1990-02-22

chr

E. IORFIDO

1992-12-21

appd

E. IORFIDO

1992-12-21

sheet index

revision sheet



| PRODUCT<br>NUMBER<br>NOTE 14 | CONTACT<br>AREA<br>DIM A | TERMINATION<br>AREA<br>DIM B | DIM C            | DIM H FOR<br>.062<br>1.57 BOARD | DIM H FOR<br>.093<br>2.36 BOARD | DIM H FOR<br>.125<br>3.18 BOARD | OVERALL<br>LENGTH<br>DIM L | CUSTOMER<br>RESTRICTED |
|------------------------------|--------------------------|------------------------------|------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------|------------------------|
| 7540X-036                    | .510/12.95               | .381/9.68                    | .039/.99 NOTE 9  | .515/13.08                      | .500/12.70                      | .485/12.32                      | .961/24.41                 | NO                     |
| 7540X-037                    | .325/8.26                | .101/2.57                    | .039/.99 NOTE 9  | .330/8.38                       | .315/8.00                       | .300/7.62                       | .496/12.60                 | NO                     |
| 7540X-038                    | .595/15.11               | .330/8.38                    | .039/.99 NOTE 9  | .600/15.24                      | .585/14.86                      | .570/14.48                      | .995/25.27                 | NO                     |
| 7540X-039                    | .755/19.18               | .065/1.65                    | .039/.99 NOTE 9  | .760/19.30                      | .745/18.92                      | .730/18.54                      | .890/22.61                 | NO                     |
| 7540X-040                    | .315/8.00                | .395/10.03                   | .039/.99 NOTE 9  | .320/8.13                       | .305/7.75                       | .290/7.37                       | .780/19.81                 | NO                     |
| 7540X-041                    | .230/5.84                | .080/2.03                    | .039/.99 NOTE 9  | .235/5.97                       | .220/5.59                       | .205/5.21                       | .380/9.65                  | NO                     |
| 7540X-042                    | .870/22.10               | .045/1.14                    | .039/.99 NOTE 9  | .875/22.23                      | .860/21.84                      | .845/21.46                      | .985/25.02                 | NO                     |
| 7540X-043                    | .504/12.80               | .329/8.36                    | .039/.99 NOTE 9  | .509/12.80                      | .494/12.55                      | .479/12.17                      | .900/22.86                 | NO                     |
| 7540X-044                    | .324/8.23                | .056/1.42                    | .039/.99 NOTE 9  | .329/8.36                       | .314/7.98                       | .299/7.60                       | .450/11.43                 | NO                     |
| 7540X-045                    | .499/12.68               | .056/1.42                    | .039/.99 NOTE 9  | .504/12.80                      | .489/12.42                      | .474/12.04                      | .625/15.88                 | NO                     |
| 7540X-046                    | .430/10.92               | .535/13.59                   | .039/.99 NOTE 9  | .435/11.05                      | .420/10.67                      | .405/10.29                      | 1.035/26.29                | NO                     |
| 7540X-047                    | .375/9.53                | .070/1.78                    | .039/.99 NOTE 9  | .380/9.65                       | .365/9.27                       | .350/8.89                       | .515/13.08                 | NO                     |
| 7540X-048                    | .375/9.53                | .275/6.99                    | .039/.99 NOTE 9  | .380/9.68                       | .365/9.27                       | .350/8.89                       | .720/18.29                 | NO                     |
| 7540X-049                    | .545/13.84               | .070/1.78                    | .039/.99 NOTE 9  | .550/13.97                      | .535/13.59                      | .520/13.21                      | .685/17.40                 | NO                     |
| 7540X-050                    | .313/7.95                | .317/8.05                    | .039/.99 NOTE 9  | .318/8.08                       | .303/7.70                       | .288/7.32                       | .700/17.78                 | NO                     |
| 7540X-051                    | .320/8.13                | .045/1.14                    | .039/.99 NOTE 9  | .325/8.26                       | .310/7.87                       | .295/7.49                       | .435/11.05                 | NO                     |
| 7540X-052                    | .620/15.75               | .590/14.99                   | .039/.99 NOTE 9  | .625/15.88                      | .610/15.49                      | .595/15.11                      | 1.280/32.51                | NO                     |
| 7540X-053                    | .245/6.22                | .045/1.14                    | .039/.99 NOTE 9  | .250/6.35                       | .235/5.97                       | .220/5.59                       | .360/9.14                  | NO                     |
| 7540X-054                    | .623/15.82               | .270/6.86                    | .039/.99 NOTE 9  | .628/15.95                      | .613/15.57                      | .598/15.19                      | .963/24.46                 | NO                     |
| 7540X-055                    | .684/17.37               | .046/1.17                    | .039/.99 NOTE 9  | .689/17.50                      | .674/17.12                      | .659/16.74                      | .800/20.32                 | NO                     |
| 7540X-056                    | .295/7.49                | .187/4.75                    | .039/.99 NOTE 9  | .300/7.62                       | .285/7.24                       | .270/6.86                       | .552/14.02                 | NO                     |
| 7540X-057                    | .785/19.94               | .045/1.14                    | .039/.99 NOTE 9  | .790/20.07                      | .775/19.69                      | .760/19.30                      | .900/22.86                 | NO                     |
| 7540X-058                    | .747/18.97               | .518/13.16                   | .039/.99 NOTE 9  | .752/19.10                      | .737/18.72                      | .722/18.34                      | 1.335/33.91                | NO                     |
| 7540X-059                    | .230/5.84                | .130/3.30                    | .039/.99 NOTE 9  | .235/5.97                       | .220/5.59                       | .205/5.20                       | .430/10.99                 | NO                     |
| 7540X-060                    | .400/10.16               | .440/11.18                   | .039/.99 NOTE 9  | .405/10.29                      | .390/9.91                       | .375/9.53                       | .910/23.11                 | NO                     |
| 7540X-061                    | .280/7.11                | .192/4.88                    | .039/.99 NOTE 9  | .285/7.24                       | .270/6.86                       | .255/6.48                       | .542/13.77                 | NO                     |
| 7540X-062                    | .280/7.11                | .085/2.16                    | .039/.99 NOTE 9  | .285/7.24                       | .270/6.86                       | .255/6.48                       | .435/11.05                 | NO                     |
| 7540X-063                    | .100/2.54                | .050/1.27                    | .039/.99 NOTE 9  | .105/2.67                       | N/A                             | N/A                             | .220/5.59                  | NO                     |
| 7540X-064                    | .380/9.65                | .650/16.51                   | .038/.97 NOTE 10 | .385/9.78                       | .370/9.40                       | .355/9.02                       | 1.100/27.94                | YES                    |
| 7540X-065                    | .610/15.49               | .030/.76                     | .038/.97 NOTE 10 | .615/15.62                      | .600/15.24                      | .585/14.86                      | .710/18.03                 | YES                    |
| 7540X-066                    | .822/20.88               | .045/1.14                    | .039/.99 NOTE 9  | .827/21.01                      | .812/20.63                      | .797/20.24                      | .937/23.80                 | NO                     |
| 7540X-067                    | .940/23.88               | .045/1.14                    | .039/.99 NOTE 9  | .945/24.00                      | .935/23.75                      | .920/23.37                      | 1.055/26.80                | NO                     |
| 7540X-068                    | .194/4.93                | .042/1.07                    | .039/.99 NOTE 9  | .196/4.98                       | .181/4.60                       | .165/4.19                       | .306/7.77                  | NO                     |
| 7540X-069                    | .944/23.98               | .041/1.04                    | .039/.99 NOTE 9  | .948/24.08                      | .933/23.69                      | .917/23.29                      | 1.055/26.80                | NO                     |
| 7540X-070                    | .650/16.51               | .380/9.65                    | .039/.99 NOTE 9  | .655/16.64                      | .640/16.26                      | .625/15.88                      | 1.100/27.94                | NO                     |

NOTE 11

|                           |                |                       |                         |                                                     |                                                 |
|---------------------------|----------------|-----------------------|-------------------------|-----------------------------------------------------|-------------------------------------------------|
| 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                                           |
| BE                        |                |                       |                         | angles<br>XX*.01/X*.3<br>XXX*.005/XXX*.13<br>0° ±2' | BERGPIN® .200"[5.08]cc<br>.039"[0.99] DIA. STAR |
|                           |                |                       |                         | dr M. CORNMAN 1990-02-22                            | dwg no                                          |
|                           |                |                       |                         | enr K.D. PATEL 1990-02-22                           | 75401                                           |
|                           |                |                       |                         | chr E. IORFIDO 1992-12-21                           | sheet 4 of 5                                    |
|                           |                |                       |                         | appd E. IORFIDO 1992-12-21                          | size A4                                         |
| sheet index               | revision sheet |                       |                         |                                                     | type CUSTOMER Drawing                           |



| PRODUCT<br>NUMBER<br>NOTE 14 | CONTACT<br>AREA<br>DIM A | TERMINATION<br>AREA<br>DIM B | DIM C            | DIM H FOR<br>.062<br>1.57 BOARD | DIM H FOR<br>.093<br>2.36 BOARD | DIM H FOR<br>.125<br>3.18 BOARD | OVERALL<br>LENGTH<br>DIM L | CUSTOMER<br>RESTRICTED |
|------------------------------|--------------------------|------------------------------|------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------|------------------------|
| 7540X-071                    | .610/15.49               | .044/1.12                    | .039/.99 NOTE 9  | .614/15.59                      | .599/15.21                      | .583/14.81                      | .724/18.39                 | NO                     |
| 7540X-072                    | .160/4.06                | .030/.76                     | .039/.99 NOTE 9  | .165/4.19                       | .150/3.81                       | .135/3.43                       | .260/6.60                  | NO                     |
| 7540X-073                    | 1.094/27.79              | .037/.94                     | .039/.99 NOTE 9  | 1.098/27.89                     | 1.083/27.51                     | 1.067/27.10                     | 1.201/30.51                | NO                     |
| 7540X-074                    | .216/5.49                | .024/.61                     | .039/.99 NOTE 9  | .220/5.59                       | .205/5.21                       | .190/4.83                       | .310/7.87                  | NO                     |
| 7540X-075                    | .650/16.51               | .380/9.65                    | .038/.97 NOTE 10 | .655/16.64                      | .640/16.26                      | .625/15.88                      | 1.100/27.94                | YES                    |
| 7540X-076                    | .295/7.49                | .025/.64                     | .039/.99 NOTE 9  | .300/7.62                       | .285/7.23                       | .270/6.85                       | .390/9.91                  | NO                     |
| 7540X-077                    | .428/10.87               | .025/.64                     | .039/.99 NOTE 9  | .433/10.99                      | .418/10.61                      | .403/10.23                      | .523/13.28                 | NO                     |
| 7540X-078                    | .530/13.46               | .025/.64                     | .039/.99 NOTE 9  | .535/13.58                      | .520/13.20                      | .505/12.82                      | .625/15.88                 | NO                     |
| 7540X-079                    | .595/15.11               | .025/.64                     | .039/.99 NOTE 9  | .600/15.24                      | .585/14.85                      | .570/14.47                      | .690/17.53                 | NO                     |
| 7540X-080                    | .665/16.89               | .025/.64                     | .039/.99 NOTE 9  | .670/17.01                      | .655/16.63                      | .640/16.25                      | .760/19.30                 | NO                     |
| 7540X-081                    | .368/9.35                | .045/1.14                    | .039/.99 NOTE 9  | .373/9.47                       | .358/9.09                       | .343/8.71                       | .483/12.27                 | NO                     |
| 7540X-082                    | .846/21.49               | .045/1.14                    | .038/.97 NOTE 10 | .851/21.61                      | .836/21.23                      | .821/20.85                      | .961/24.41                 | NO                     |
| 7540X-083                    | .519/13.18               | .502/12.75                   | .039/.99 NOTE 9  | .549/13.94                      | .534/13.56                      | .519/13.18                      | 1.091/27.71                | NO                     |
| 7540X-084                    | .630/16.00               | .159/4.04                    | .039/.99 NOTE 9  | .635/16.13                      | .620/15.75                      | .605/15.37                      | .859/21.82                 | NO                     |
| 7540X-085                    | .519/13.18               | .171/4.34                    | .039/.99 NOTE 9  | .524/13.31                      | .509/12.93                      | .494/12.55                      | .760/19.30                 | NO                     |
| 7540X-086                    | .926/23.52               | .437/11.10                   | .039/.99 NOTE 9  | .931/23.65                      | .916/23.27                      | .901/22.89                      | 1.433/36.40                | NO                     |
| 7540X-087                    | .230/5.84                | .045/1.14                    | .037/.94 NOTE 10 | .235/5.97                       | .220/5.59                       | .205/5.21                       | .345/8.76                  | NO                     |
| 7540X-088LF                  | .320/8.13                | .045/1.14                    | .036/.91 NOTE 10 | .325/8.26                       | .310/7.87                       | .295/7.49                       | .435/11.05                 | NO                     |

NOTE 11

NOTE 12

NOTE 12

|                           |                |    |      |                                       |                                 |                |                                                 |
|---------------------------|----------------|----|------|---------------------------------------|---------------------------------|----------------|-------------------------------------------------|
| 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 |                                 | INCH/MM        | title                                           |
| BE                        |                |    |      | angles                                | XX*.01/X*.3<br>XXX*.005/XXX*.13 |                | BERGPIN® .200"[5.08]cc<br>.039"[0.99] DIA. STAR |
|                           |                |    |      | 0° ±2'                                | XXXX*.0020/XXX*.051             | scale 1:1      | dwg no                                          |
|                           |                |    |      | dr                                    | M. CORNMEN                      | 1990-02-22     | sheet 5 of 5                                    |
|                           |                |    |      | engr                                  | K.D. PATEL                      | 1990-02-22     | size                                            |
|                           |                |    |      | chr                                   | E. IORFIDO                      | 1992-12-21     | A4                                              |
|                           |                |    |      | appd                                  | E. IORFIDO                      | 1992-12-21     | type                                            |
| sheet index               | revision sheet |    |      |                                       |                                 |                | CUSTOMER Drawing                                |