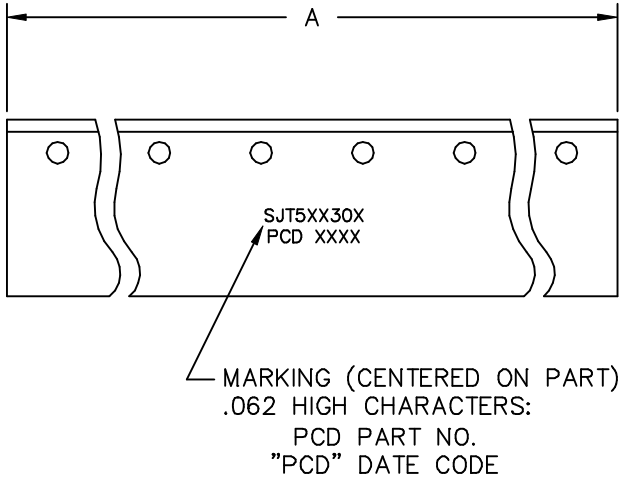
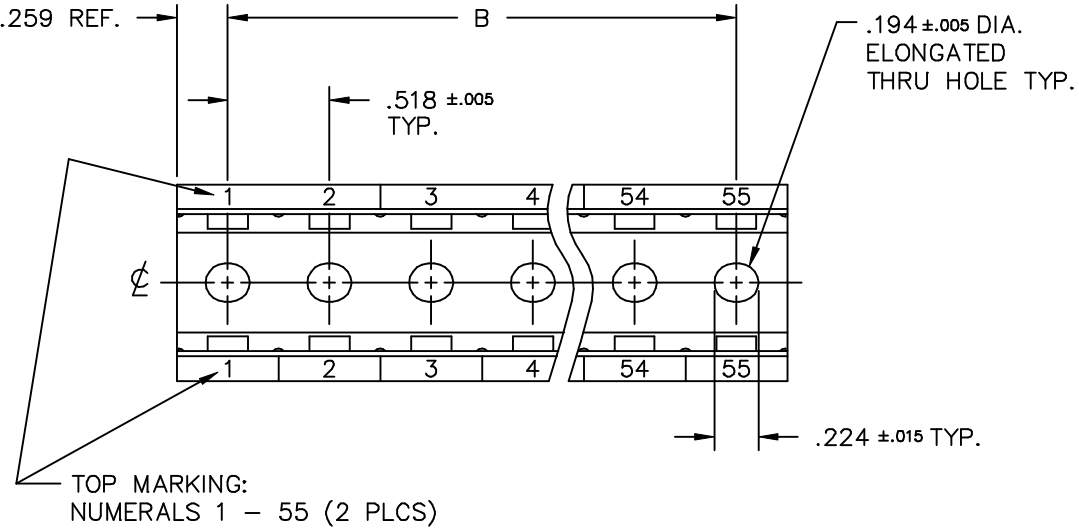


| PCD PART NO. | QUANTITY OF<br>MODULES PER<br>RAIL<br>(SIZES 16,<br>20 & 22) | A ±.015 | B ±.015 |
|--------------|--------------------------------------------------------------|---------|---------|
| SJT50230X    | 2                                                            | 1. 036  | . 518   |
| SJT50330X    | 3                                                            | 1. 554  | 1. 036  |
| SJT50430X    | 4                                                            | 2. 072  | 1. 554  |
| SJT50530X    | 5                                                            | 2. 590  | 2. 072  |
| SJT50630X    | 6                                                            | 3. 108  | 2. 590  |
| SJT50730X    | 7                                                            | 3. 626  | 3. 108  |
| SJT50830X    | 8                                                            | 4. 144  | 3. 626  |
| SJT50930X    | 9                                                            | 4. 662  | 4. 144  |
| SJT51030X    | 10                                                           | 5. 180  | 4. 662  |
| SJT51130X    | 11                                                           | 5. 698  | 5. 180  |
| SJT51230X    | 12                                                           | 6. 216  | 5. 698  |
| SJT51330X    | 13                                                           | 6. 734  | 6. 216  |
| SJT51430X    | 14                                                           | 7. 252  | 6. 734  |
| SJT51530X    | 15                                                           | 7. 770  | 7. 252  |
| SJT51630X    | 16                                                           | 8. 288  | 7. 770  |
| SJT51730X    | 17                                                           | 8. 806  | 8. 288  |
| SJT51830X    | 18                                                           | 9. 324  | 8. 806  |
| SJT51930X    | 19                                                           | 9. 842  | 9. 324  |
| SJT52030X    | 20                                                           | 10. 360 | 9. 842  |
| SJT52130X    | 21                                                           | 10. 875 | 10. 360 |
| SJT52230X    | 22                                                           | 11. 396 | 10. 875 |
| SJT52330X    | 23                                                           | 11. 914 | 11. 396 |
| SJT52430X    | 24                                                           | 12. 432 | 11. 914 |
| SJT52530X    | 25                                                           | 12. 950 | 12. 432 |
| SJT52630X    | 26                                                           | 13. 468 | 12. 950 |
| SJT52730X    | 27                                                           | 13. 986 | 13. 468 |
| SJT52830X    | 28                                                           | 14. 504 | 13. 986 |
| SJT52930X    | 29                                                           | 15. 022 | 14. 504 |
| SJT53030X    | 30                                                           | 15. 540 | 15. 022 |
| SJT53130X    | 31                                                           | 16. 058 | 15. 540 |
| SJT53230X    | 32                                                           | 16. 576 | 16. 058 |
| SJT53330X    | 33                                                           | 17. 094 | 16. 576 |
| SJT53430X    | 34                                                           | 17. 612 | 17. 094 |
| SJT53530X    | 35                                                           | 18. 130 | 17. 612 |
| SJT53630X    | 36                                                           | 18. 648 | 18. 130 |
| SJT53730X    | 37                                                           | 19. 166 | 18. 648 |
| SJT53830X    | 38                                                           | 19. 684 | 19. 166 |
| SJT53930X    | 39                                                           | 20. 202 | 19. 684 |
| SJT54030X    | 40                                                           | 20. 720 | 20. 202 |
| SJT54130X    | 41                                                           | 21. 238 | 20. 720 |
| SJT54230X    | 42                                                           | 21. 756 | 21. 238 |
| SJT54330X    | 43                                                           | 22. 274 | 21. 756 |
| SJT54430X    | 44                                                           | 22. 792 | 22. 274 |
| SJT54530X    | 45                                                           | 23. 310 | 22. 792 |
| SJT54630X    | 46                                                           | 23. 828 | 23. 310 |
| SJT54730X    | 47                                                           | 24. 346 | 23. 828 |
| SJT54830X    | 48                                                           | 24. 864 | 24. 346 |
| SJT54930X    | 49                                                           | 25. 382 | 24. 864 |
| SJT55030X    | 50                                                           | 25. 900 | 25. 382 |
| SJT55130X    | 51                                                           | 26. 418 | 25. 900 |
| SJT55230X    | 52                                                           | 26. 936 | 26. 418 |
| SJT55330X    | 53                                                           | 27. 454 | 26. 936 |
| SJT55430X    | 54                                                           | 27. 972 | 27. 454 |
| SJT55530X    | 55                                                           | 28. 490 | 27. 972 |

TABLE 1

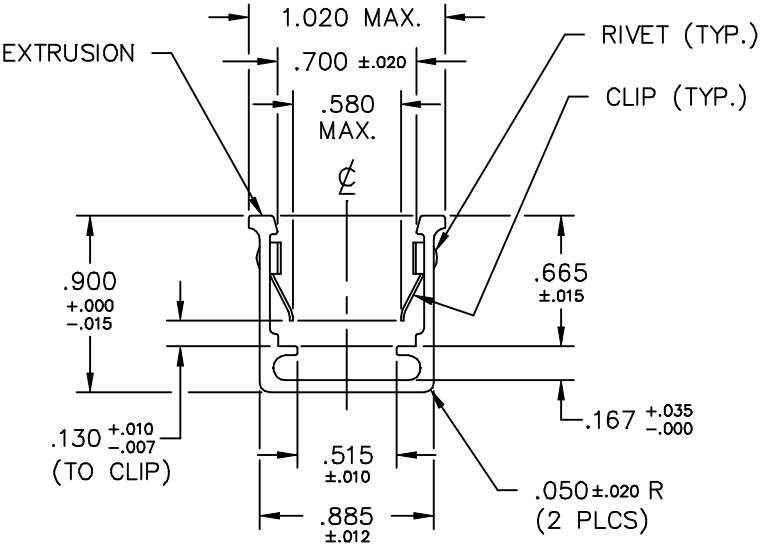
AW-1003

- NOTES:
- PART SHALL MEET ALL REQUIREMENTS OF U.S. AIR FORCE DRAWING NO. 8027520-1 UNLESS OTHERWISE SPECIFIED.
  - MATERIALS:
    - EXTRUSION - ALUMINUM ALLOY, FINISH PER TABLE 2.
    - CLIP - STAINLESS STEEL.
    - RIVET - STAINLESS STEEL.
  - MARKINGS ARE FLUSH WITH SURFACES; COLOR PER TABLE 2.
  - RAILS ACCEPT MODULES PER AFLC 8027520; PCD SJ SERIES.
  - QUANTITY OF SIZE 12 MODULES PER RAIL IS HALF THE QUANTITY OF SIZE 16, 20 & 22 MODULES (SEE TABLE 1).
  - MODULE REMOVAL TOOLS (REQUIRED TO REMOVE MODULES FROM RAIL - SUPPLIED SEPARATELY).
    - SIZES 16, 20 & 22 - AIR FORCE P/N 8027520-24-1; PCD P/N CNA051300.
    - SIZE 12 - AIR FORCE P/N 8027520-24-2; PCD P/N CNA052300.



| PCD P/N<br>LAST DIGIT | EXTRUSION FINISH   | MARKING<br>COLOR |
|-----------------------|--------------------|------------------|
| 1                     | NICKEL PLATE       | BLUE             |
| 2                     | CLEAR CADMIUM      | BLUE             |
| 3                     | OLIVE DRAB CADMIUM | BLACK            |
| 4                     | BLACK ANODIZE      | WHITE            |

TABLE 2



APPLIES TO ALL PCD P/N SJT5XX30X

|                                                                                                                              |                                                                                       |                                 |                                                           |                     |                          |  |
|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------|---------------------|--------------------------|--|
| DIMENSIONS=INCHES<br>TOLERANCES<br><br>.XX±<br>.XXX±<br>ANGLES±                                                              |  | SPECIFICATION<br>AFLC 8027520-1 | PRECISION CONNECTOR DESIGNS, INC.<br>PEABODY, MA 01960    |                     |                          |  |
|                                                                                                                              |                                                                                       | DRAWN<br>M. CALLA 8/17/88       | SOCKET JUNCTION TRACK (RAIL)<br>-NUMERICAL MARKING STYLE- |                     |                          |  |
|                                                                                                                              |                                                                                       | CHECKED                         |                                                           |                     |                          |  |
| THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION<br>WHICH IS THE CONFIDENTIAL PROPERTY OF<br>PRECISION CONNECTOR DESIGNS, INC. |                                                                                       | ENG.                            | SIZE<br>C                                                 | CODE IDENT<br>58982 | DRAWING NO.<br>SJT502301 |  |
|                                                                                                                              |                                                                                       | BY DIR.                         | SCALE 1.5 : 1                                             |                     | SHEET 1 OF 1             |  |