



- 1 THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND THE HOUSING.
- 2 THE NOTED DIMENSION APPLIES FROM THE BASIC DIMENSION (NOT THE POST CENTERLINE) TO THE SURFACE INDICATED.
- 3 0.000762[.000030] GOLD ON CONTACT AREA, 0.00254-0.00508[.000100-.000200] MATTE TIN-LEAD ON SOLDER TAIL, ALL OVER 0.00127[.000050] NICKEL.
- 4 HOUSING: LCP, COLOR-BLACK. POSTS: PHOSPHOR BRONZE.
- 5 0.000762[.000030] GOLD ON CONTACT AREA, 0.00254-0.00508[.000100-.000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127[.000050] NICKEL.
- 6 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI.

|         |                  |    |                  |            |             |
|---------|------------------|----|------------------|------------|-------------|
| 5       | 35.56<br>[1.400] | 14 | 37.69<br>[1.484] | 30         | 6-146131-4  |
| 5       | 33.02<br>[1.300] | 13 | 35.15<br>[1.384] | 28         | 6-146131-3  |
| 5       | 30.48<br>[1.200] | 12 | 32.61<br>[1.284] | 26         | 6-146131-2  |
| 5       | 27.94<br>[1.100] | 11 | 30.07<br>[1.184] | 24         | 6-146131-1  |
| 5       | 25.40<br>[1.000] | 10 | 27.53<br>[1.084] | 22         | 6-146131-0  |
| 5       | 22.86<br>[.900]  | 9  | 24.99<br>[.984]  | 20         | 5-146131-9  |
| 5       | 20.32<br>[.800]  | 8  | 22.45<br>[.884]  | 18         | 5-146131-8  |
| 5       | 17.78<br>[.700]  | 7  | 19.91<br>[.784]  | 16         | 5-146131-7  |
| 5       | 15.24<br>[.600]  | 6  | 17.37<br>[.684]  | 14         | 5-146131-6  |
| 5       | 12.70<br>[.500]  | 5  | 14.83<br>[.584]  | 12         | 5-146131-5  |
| 5       | 10.16<br>[.400]  | 4  | 12.29<br>[.484]  | 10         | 5-146131-4  |
| 5       | 7.62<br>[.300]   | 3  | 9.75<br>[.384]   | 8          | 5-146131-3  |
| 5       | 5.08<br>[.200]   | 2  | 7.21<br>[.284]   | 6          | 5-146131-2  |
| 5       | 2.54<br>[.100]   | 1  | 4.67<br>[.184]   | 4          | 5-146131-1  |
| 3       | 35.56<br>[1.400] | 14 | 37.69<br>[1.484] | 30         | 1-146131-4  |
| 3       | 33.02<br>[1.300] | 13 | 35.15<br>[1.384] | 28         | 1-146131-3  |
| 3       | 30.48<br>[1.200] | 12 | 32.61<br>[1.284] | 26         | 1-146131-2  |
| 3       | 27.94<br>[1.100] | 11 | 30.07<br>[1.184] | 24         | 1-146131-1  |
| 3       | 25.40<br>[1.000] | 10 | 27.53<br>[1.084] | 22         | 1-146131-0  |
| 3       | 22.86<br>[.900]  | 9  | 24.99<br>[.984]  | 20         | 146131-9    |
| 3       | 20.32<br>[.800]  | 8  | 22.45<br>[.884]  | 18         | 146131-8    |
| 3       | 17.78<br>[.700]  | 7  | 19.91<br>[.784]  | 16         | 146131-7    |
| 3       | 15.24<br>[.600]  | 6  | 17.37<br>[.684]  | 14         | 146131-6    |
| 3       | 12.70<br>[.500]  | 5  | 14.83<br>[.584]  | 12         | 146131-5    |
| 3       | 10.16<br>[.400]  | 4  | 12.29<br>[.484]  | 10         | 146131-4    |
| 3       | 7.62<br>[.300]   | 3  | 9.75<br>[.384]   | 8          | 146131-3    |
| 3       | 5.08<br>[.200]   | 2  | 7.21<br>[.284]   | 6          | 146131-2    |
| 3       | 2.54<br>[.100]   | 1  | 4.67<br>[.184]   | 4          | 146131-1    |
| PLATING | C                | B  | A                | NO OF POSN | PART NUMBER |

RECOMMENDED PCB LAYOUT FOR USE WITH .008 THICK STENCIL

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

|        |   |            |
|--------|---|------------|
| 0 PL   | ± | -          |
| 1 PL   | ± | -          |
| 2 PL   | ± | 0.13[.005] |
| 3 PL   | ± | -          |
| 4 PL   | ± | -          |
| ANGLES | ± | -          |

MATERIAL: 4

FINISH: SEE TABLE

WEIGHT: -

CUSTOMER DRAWING

DIN: J. KNAUB 30-09-94

CIK: G. DUBNICZKI 30-09-94

APVD: G. DUBNICZKI 30-09-94

NAME: SURFACE MOUNT HEADER ASSEMBLY, MOD II, BREAKAWAY, VERTICAL, DOUBLE ROW, .100 X.100 C/L, .025 SQ.POST

APPLICATION SPEC: -

SIZE: A1

SCALE: 8:1

SHEET: 1 of 1

REV: H4

STE TE Connectivity