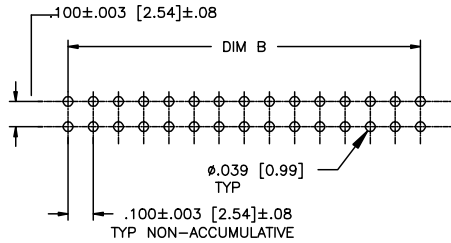
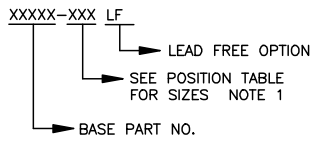


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| POSITION TABLE | |
|----------------|------|
| PRODUCT NO | SIZE |
| XXXX-001 | 2X5 |
| -002 | 2X6 |
| -003 | 2X7 |
| -004 | 2X8 |
| -005 | 2X9 |
| -006 | 2X10 |
| -007 | 2X11 |
| -008 | 2X12 |
| -009 | 2X13 |
| -010 | 2X14 |
| -011 | 2X15 |
| -012 | 2X16 |
| -013 | 2X17 |
| -014 | 2X18 |
| -015 | 2X19 |
| -016 | 2X20 |
| -017 | 2X21 |
| -018 | 2X22 |
| -019 | 2X23 |
| -020 | 2X24 |
| -021 | 2X25 |
| -022 | 2X26 |
| -023 | 2X27 |
| -024 | 2X28 |
| -025 | 2X29 |
| -026 | 2X30 |
| -027 | 2X31 |
| -028 | 2X32 |
| -029 | 2X33 |
| -030 | 2X34 |
| -031 | 2X35 |
| XXXX-032 | 2X36 |

PART NUMBER INFORMATION



RECOMMENDED PC BOARD LAYOUT
SCALE 2/1

NOTES

- SEE POSITION TABLE FOR PRODUCT NO AND SIZE TABULATION. HOUSING DASH NO IS SAME AS HEADER DASH NO.
- DIM B =
(NO OF COLUMNS - 1) TIMES .100 (ENGLISH)
(NO OF COLUMNS - 1) TIMES 2.54 (METRIC)
- MOLDING MATERIAL: 20% MIN GLASS FILLED NYLON PER UL 94V-0. COLOR: BLACK, OXYGEN INDEX 36.
OR
MINERAL FILLED LCP FLAME RETARDENT PER UL-94V-0. COLOR: BLACK.
- TERMINAL MATERIAL: 3/4 HARD PHOS BRONZE ALLOY UNS C51000.
- PIN RETENTION TO BE 3 LBS./1.4 KGS MINIMUM PER PIN IN EITHER DIRECTION.
- COMPANY LOGO TO BE MOLDED IN APPROX LOCATION SHOWN.
- ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260° FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.
- THESE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

| | | | | | | | |
|-------------|------------|---------|---------|---------------------------------------|--------------|------------|--------------------------------|
| mal'l. code | NOTE 3 & 4 | surface | ISO 902 | tolerance | ISO 406 | projection | product family |
| lfr | ecn no | dr | date | ISO 1001 | ISO 1001 | INCH/MM | HEADERS |
| K | | | | tolerances unless otherwise specified | | | title |
| | | | | angles | linear | scale 2:1 | VERTICAL STACKING 2-ROW HEADER |
| | | | | 0'±2' | XXX.X/XXX.X | | .755/19.18 W/O MOUNTING HOLES |
| | | | | dr | M. FETROW | | dwg no |
| | | | | engr | L. FYE | | 68210 |
| | | | | chr | T. BREWBAKER | | sheet 2 of 4 |
| | | | | appd | L. FYE | | size |
| | | | | | | | A3 |
| sheet | revision | | | | | | type |
| index | sheet | | | | | | Product Customer Drawing |

| PRODUCT NO NOTE 7 | TERMINAL PLATING (NOTE 10) |
|----------------------|---|
| 68210-XXX | 15u"/0.38u MIN Au OVER 50u"/1.27u MIN Ni. |
| 68210-033 | 15u"/0.38u MIN Au OVER 50u"/1.27u MIN Ni. |
| 68210-034 | 15u"/0.38u MIN Au OVER 50u"/1.27u MIN Ni. |
| 68533-XXX | 120u"/3.05u MIN 93/7 SnPb OVER 50u"/1.27u MIN Ni. |
| 68583-XXX | 30u"/0.76u MIN GXT OVER 50u"/1.27u MIN Ni. |
| 69205-XXX | 15u"/0.38u MIN GXT OVER 50u"/1.27u MIN Ni. |
| 69667-XXX | 30u"/0.76u MIN Au OVER 50u"/1.27u MIN Ni. |
| 69963-XXX | DUPLEX { CONTACT: 15u"/0.38u Au OVER 50u"/1.27u Ni. TAIL: 100u"/2.54u MIN Sn OVER 50u"/1.27u Ni. |
| 69967-XXX | DUPLEX { CONTACT: 30u"/0.76u Au OVER 50u"/1.27u Ni. TAIL: 100u"/2.54u MIN Sn OVER 50u"/1.27u Ni. |
| 89445-022 | 15u"/0.38u MIN Au OVER 50u"/1.27u MIN Ni. |
| 90045-XXX | DUPLEX { CONTACT: 15u"/0.38u Au OVER 50u"/1.27u Ni. TAIL: 100u"/2.54u MIN Sn OVER 50u"/1.27u Ni. |

| | | | | | | | | | |
|-------------|----------|---------|--------------|---------------------------------------|--------|------------------------------------|--|---|--|
| mat'l. code | | surface | | tolerance | | projection | | product family | |
| NOTE 3 & 4 | | ISO 902 | | ISO 406 ISO 1001 | | | | HEADERS | |
| ltr | ecr no | dr | date | tolerances unless otherwise specified | | INCH/MM | | title | |
| K | | | | angles | linear | XX±.01/XX±.03 XXX±.005/XXX±.013 | | VERTICAL STACKING 2-ROW HEADER .755/19.18 W/O MOUNTING HOLES | |
| | | | | 0'±2' | | scale 2:1 | | dwg no | |
| | | dr | M. FETROW | 7/20/95 | | | | sheet 3 of 4 size | |
| | | engr | L. FYE | 7/20/95 | | | | 68210 A3 | |
| | | chr | T. BREWBAKER | 7/20/95 | | | | type Product Customer Drawing | |
| | | appd | L. FYE | 7/20/95 | | | | | |
| sheet | revision | | | | | | | | |
| index | sheet | | | | | | | | |

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| PRODUCT NO NOTE 7 | SIZE | DIM "B" | DIM "C" | DIM "L" | TAIL LENGTH DIM "T" | MATING LENGTH DIM "M" | TOTAL PIN LENGTH DIM "P" |
|----------------------|--------|-------------|-----------------------|-----------------------|--------------------------------|-----------------------------|--------------------------------|
| 68210-XXX | NOTE 1 | NOTE 2 | DIM "B" +.130/3.30 | DIM "B" +.210/5.33 | .103/2.62 MIN .130/3.30 MAX | .275±.010 6.98±0.25 | .810/20.57 |
| 68210-033 | 2 x 15 | 1.400/35.56 | 1.53/38.9 | 1.61/40.9 | .148±.008 3.76±0.20 | .275±.010 6.98±0.25 | .840/21.34 |
| 68210-034 | 2 x 25 | 2.400/60.96 | 2.53/64.3 | 2.61/66.3 | .148±.008 3.76±0.20 | .275±.010 6.98±0.25 | .840/21.34 |
| 68533-XXX | NOTE 1 | NOTE 2 | DIM "B" +.130/3.30 | DIM "B" +.210/5.33 | .103/2.62 MIN .130/3.30 MAX | .275±.010 6.98±0.25 | .810/20.57 |
| 68583-XXX | | | | | | .275±.010 6.98±0.25 | .810/20.57 |
| 69205-XXX | | | | | | .275±.010 6.98±0.25 | .810/20.57 |
| 69667-XXX | | | | | | .275±.010 6.98±0.25 | .810/20.57 |
| 69963-XXX | | | | | | .275±.010 6.98±0.25 | .810/20.57 |
| 69967-XXX | NOTE 1 | NOTE 2 | DIM "B" +.130/3.30 | DIM "B" +.210/5.33 | | .275±.010 6.98±0.25 | .810/20.57 |
| 89445-022 | 2 x 26 | 2.500/63.50 | 2.63/66.8 | 2.71/68.8 | | .400±.010 10.16±0.25 | .935/23.75 |
| 90045-XXX | NOTE 1 | NOTE 2 | DIM "B" +.130/3.30 | DIM "B" +.210/5.33 | | .275±.010 6.98±0.25 | .810/20.57 |
| 69967-XXX | NOTE 1 | NOTE 2 | DIM "B" +.130/3.30 | DIM "B" +.210/5.33 | | .275±.010 6.98±0.25 | .810/20.57 |
| 89445-022 | 2 x 26 | 2.500/63.50 | 2.63/66.8 | 2.71/68.8 | .103/2.62 MIN .130/3.30 MAX | .400±.010 10.16±0.25 | .935/23.75 |
| 90045-XXX | NOTE 1 | NOTE 2 | DIM "B" +.130/3.30 | DIM "B" +.210/5.33 | .103/2.62 MIN .130/3.30 MAX | .275±.010 6.98±0.25 | .810/20.57 |



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| | | | | | |
|---------------------------|----------------|---------------------|----------------------------------|------------|--|
| mat'l. code NOTE 3 & 4 | | surface ISO 1902 | tolerance ISO 148 ISO 1001 | projection | product family HEADERS |
| lfr | ecr no | dr | date | INCH/MM | title VERTICAL STACKING 2-ROW HEADER .755/19.18 W/O MOUNTING HOLES |
| K | | | | scale 2:1 | dwg no 68210 |
| | | | | | sheet 4 of 4 size A3 |
| | | | | | type Product Customer Drawing |
| sheet index | revision sheet | | | | |