

**NOTE****MATERIAL:**

1. HOUSING : PBT 15% GLASS FILLED UL94 V0 BLACK  
THE HOUSING WILL WITHSTAND EXPOSURE TO 260-265°C FOR 3.5 SECONDS  
IN A WAVESOLDERING APPLICATION.

**2. PIN : BRASS****PLATING :**

④ 2 MICRON MIN SnPb OVER 1.27 MICRON MIN. NICKEL UNDER COAT (FOR LEADED VERSION)

⑤ 2 MICRON MIN MATTE TIN OVER 1.27 MICRON MIN. NICKEL UNDER COAT (FOR LEAD FREE VERSION)

④ 0.5 MICRON MIN Au OVER 1.27 MICRON MIN. NICKEL.

⑤ 0.1 MICRON MIN Au OVER 1.27 MICRON MIN. NICKEL.

⑥ 0.3 MICRON MIN Au OVER 1.27 MICRON MIN. NICKEL.

7. POLARIZED HEADER SPECIFIED POSITION DOSE NOT HAVE PIN AS SHOWN

\* 67094-097 .....4TH FROM RIGHT

\* 67094-098 .....2ND FROM RIGHT

8. OPERATING TEMPERATURE : -25°C TO +85°C

9. MECHANICAL PERFORMANCE

DURABILITY (MATING CYCLES)

GOLD : 50

TIN-LEAD : 20

CONTACT RETENTION - 1.5 KG

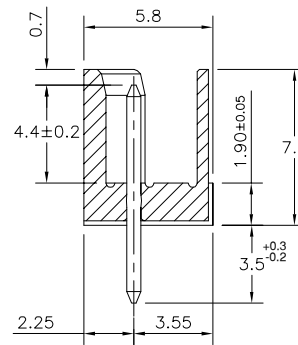
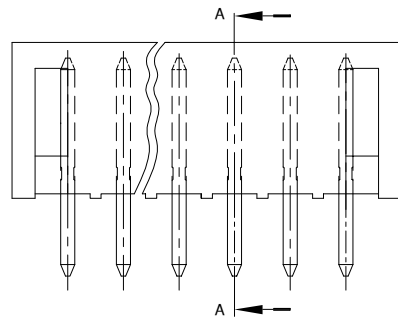
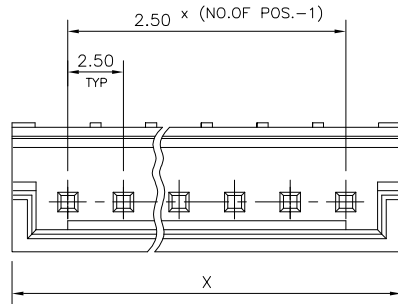
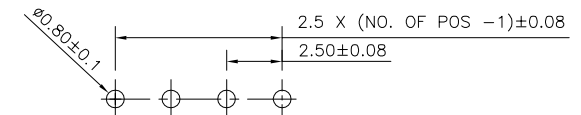
10. ELECTRICAL PERFORMANCE

WITHSTANDING VOLTAGE : 750 V

INSULATION RESISTANCE : 500M  $\Omega$ min

CURRENT RATING : 2 amp DC

CONTACT RESISTANCE : 20m  $\Omega$ max

**SECTION-AA****RECOMMENDED PCB LAYOUT**

1. LF Products meet European Union Directives and other country Regulations as described in GS-22-008.
2. The Housing will withstand exposure to 260° peak temperature for 3.5 sec in a wave solder application with a 1.6mm Min thick circuitboard.
3. Lead Free or ROHS Directive labelling to be provided as per GS-14-920 for Lead Free version.

|                         |      |        |         |                         |    |      |   |                         |      |        |         |
|-------------------------|------|--------|---------|-------------------------|----|------|---|-------------------------|------|--------|---------|
| 67094-098 / 67094-098LF | 18   | 47.5   | ↑       | 67094-089 / 67094-089LF | 14 | 37.5 | ↑ | 67094-063 / 67094-063LF | 5    | 15.0   | ④       |
| 67094-097 / 67094-097LF | 14   | 37.5   | ③       | 67094-088 / 67094-088LF | 13 | 35.0 | ↑ | 67094-062 / 67094-062LF | 6    | 17.5   | ⑤       |
| 67094-096 / 67094-096LF | 8    | 22.5   | ↓       | 67094-087 / 67094-087LF | 12 | 32.5 | ↑ | 67094-061 / 67094-061LF | 10   | 27.5   | ↑       |
| 67094-095 / 67094-095LF | 20   | 52.5   | ↑       | 67094-086 / 67094-086LF | 11 | 30.0 | ↑ | 67094-060 / 67094-060LF | 8    | 22.5   | ↑       |
| 67094-094 / 67094-094LF | 19   | 50.0   | ↑       | 67094-085 / 67094-085LF | 10 | 27.5 | ↑ | 67094-059 / 67094-059LF | 4    | 12.5   | ④       |
| 67094-093 / 67094-093LF | 18   | 47.5   | ⑥       | 67094-084 / 67094-084LF | 9  | 25.0 | ↑ | 67094-058 / 67094-058LF | 3    | 10.0   | ↑       |
| 67094-092 / 67094-092LF | 17   | 45.0   | ↓       | 67094-083 / 67094-083LF | 8  | 22.5 | ↑ | 67094-057 / 67094-057LF | 2    | 7.5    | ↑       |
| 67094-091 / 67094-091LF | 16   | 42.5   | ↓       | 67094-082 / 67094-082LF | 7  | 20.0 | ↑ | 67094-020 / 67094-020LF | 20   | 52.5   | ↑       |
| 67094-090 / 67094-090LF | 15   | 40.0   | ↓       | 67094-081 / 67094-081LF | 6  | 17.5 | ↑ | 67094-019 / 67094-019LF | 19   | 50.0   | ↑       |
| PART NUMBER             | POS. | DIM. X | PLATING | 67094-080 / 67094-080LF | 5  | 15.0 | ↑ | 67094-018 / 67094-018LF | 18   | 47.5   | ↑       |
|                         |      |        |         | 67094-079 / 67094-079LF | 4  | 12.5 | ↑ | 67094-017 / 67094-017LF | 17   | 45.0   | ↑       |
|                         |      |        |         | 67094-078 / 67094-078LF | 3  | 10.0 | ↑ | 67094-016 / 67094-016LF | 16   | 42.5   | ↑       |
|                         |      |        |         | 67094-077 / 67094-077LF | 2  | 7.5  | ↑ | 67094-015 / 67094-015LF | 15   | 40.0   | ↑       |
|                         |      |        |         | 67094-076 / 67094-076LF | 20 | 52.5 | ↑ | 67094-014 / 67094-014LF | 14   | 37.5   | ↑       |
|                         |      |        |         | 67094-075 / 67094-075LF | 19 | 50.0 | ↑ | 67094-013 / 67094-013LF | 13   | 35.0   | ↑       |
|                         |      |        |         | 67094-074 / 67094-074LF | 18 | 47.5 | ↑ | 67094-012 / 67094-012LF | 12   | 32.5   | ↑       |
|                         |      |        |         | 67094-073 / 67094-073LF | 17 | 45.0 | ↑ | 67094-011 / 67094-011LF | 11   | 30.0   | ↑       |
|                         |      |        |         | 67094-072 / 67094-072LF | 16 | 42.5 | ↑ | 67094-010 / 67094-010LF | 10   | 27.5   | ↑       |
|                         |      |        |         | 67094-071 / 67094-071LF | 15 | 40.0 | ↑ | 67094-009 / 67094-009LF | 9    | 25.0   | ↑       |
|                         |      |        |         | 67094-070 / 67094-070LF | 14 | 37.5 | ↑ | 67094-008 / 67094-008LF | 8    | 22.5   | ↑       |
|                         |      |        |         | 67094-069 / 67094-069LF | 13 | 35.0 | ↑ | 67094-007 / 67094-007LF | 7    | 20.0   | ↑       |
|                         |      |        |         | 67094-068 / 67094-068LF | 12 | 32.5 | ↑ | 67094-006 / 67094-006LF | 6    | 17.5   | ↑       |
|                         |      |        |         | 67094-067 / 67094-067LF | 11 | 30.0 | ↑ | 67094-005 / 67094-005LF | 5    | 15.0   | ↑       |
|                         |      |        |         | 67094-066 / 67094-066LF | 9  | 25.0 | ↑ | 67094-004 / 67094-004LF | 4    | 12.5   | ↑       |
|                         |      |        |         | 67094-065 / 67094-065LF | 7  | 20.0 | ↑ | 67094-003 / 67094-003LF | 3    | 10.0   | ↑       |
|                         |      |        |         | 67094-064 / 67094-064LF | 6  | 17.5 | ↑ | 67094-002 / 67094-002LF | 2    | 7.5    | ↑       |
| PART NUMBER             | POS. | DIM. X | PLATING |                         |    |      |   | PART NUMBER             | POS. | DIM. X | PLATING |