

**1. MATERIAL**

- 1.1 INSULATOR: THERMOPLASTIC (UL 94V-0).
- 1.2 CONTACT MATERIAL: COPPER ALLOY.

**2. SPECIFICATION**

- 2.1 CURRENT RATING: 7.0 Amp.
- 2.2 INSULATION RESISTANCE: 1000mΩ Min.
- 2.3 DIELECTRIC WITHSTANDING: 1000VAC.
- 2.4 CONTACT RESISTANCE: 30mΩ Max.
- 2.5 OPERATING TEMPERATURE: -40°C TO +105°C.

**3. PLASTIC WITHSTAND TEMP**

- 3.1 MAX PROCESSING TEMP:  
 180°C FOR 30-60 SEC; (200°C FOR 5-10 SEC.) - PBT  
 230°C FOR 30-60 SEC; (260°C FOR 5-10 SEC.) - PA6T

**FH 508 - XXX - X X X GX**

**Gender**

- P=Pin Header
- F=Female Header

**Pitch**

- 1.27=127
- 2.00=200
- 2.54=254
- 3.96=396
- 5.08=508

**No. of PINS**

- 1 x 01 ~ 1 x 40 PINS
- 2 x 01 ~ 2 x 40 PINS
- 3 x 01 ~ 3 x 40 PINS

**Connector Type**

- S=Straight
- R=Right Angle
- M=SMT

**Contact Plating**

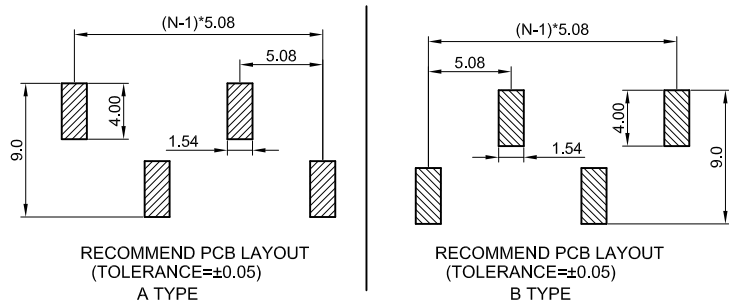
- G0: Gold Flash
- G2: 1U" Gold
- G3: 3U" Gold
- G4: 5U" Gold
- G5: 10U" Gold
- G6: 15U" Gold
- Gold SN: Tin


**Packing Style**

- 1. Loose in Bag
- 2. Tape & Reel
- 3. Tube

**Insulator Material**

- 1: PBT
- 2: PA6T
- 3: PA9T
- 4: LCP



|                                       |   |                            |   |
|---------------------------------------|---|----------------------------|---|
| PRODUCT TITLE:                        | 5.08mm SMT Pin Header, Straight, Single Row, w/ Cap |                            |   |
| UNLESS OTHERWISE SPECIFIED TOLERANCES | SCALE: 1/1  | UNIT: mm                   | <br>FH508-1XX-MXXG0-02 |
|                                       | SIZE: A3  | PAGE: 1 OF 1               |   |
| DECIMALS:                             | ANGLES:   | <b>WAYCONN ELECTRONICS</b> |   |
| X : ±0.5                              | X : ±6°   |                            |   |
| X.X : ±0.3                            | X.X : ±3°   |                            |   |
| X.XX : ±0.2                           | X.XX : ±2°  |                            |   |