

RECOMMEND PCB LAYOUT  
(TOLERANCE=±0.05)

**1. MATERIAL**

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

**2. SPECIFICATION**


- 2.1 CURRENT RATING: 3.0 Amp.
- 2.2 INSULATION RESISTANCE: 1000mΩ Min.
- 2.3 DIELECTRIC WITHSTANDING: 600VAC.
- 2.4 CONTACT RESISTENCE: 20mΩ 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 254 - XXX - XXX GX**

|  |   |
|--|---|
| <b>Gender</b><br>P=Pin Header<br>F=Female Header   | <b>Plating</b><br>G0: Gold Flash<br>G2: 1U" Gold<br>G3: 3U" Gold<br>G4: 5U" Gold<br>G5: 10U" Gold<br>G6: 15U" Gold<br>SN: Tin |
| <b>Pitch</b><br>0.80=080<br>1.00=100<br>1.27=127<br>2.00=200<br>2.54=254                   | <b>Packing Style</b><br>1. Loose in Bag<br>2. Tape & Reel<br>3. Tube  |
| <b>No. of PINS</b><br>1 x 01 ~ 1 x 40 PINS<br>2 x 01 ~ 2 x 40 PINS<br>3 x 01 ~ 3 x 40 PINS | <b>Insulator Material</b><br>1: PBT<br>2: PA6T<br>3: PA9T<br>4: LCP   |
| <b>Connector Type</b><br>S= Straight<br>R= Right Angle<br>M= SMT                           |   |

|                                       |   |                            |   |
|---------------------------------------|---|----------------------------|---|
| PRODUCT TITLE:                        | 2.54 SMT Header Socket, Dual Row, Straight, w/ Bump, H: 8.5 |                            |   |
| UNLESS OTHERWISE SPECIFIED TOLERANCES | SCALE: 1/1  | UNIT: mm                   |  RAV.A01 |
|                                       | 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°  |                            |   |