



Recommend PCB layout

**1. MATERIAL**

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

**2. SPECIFICATION**

- 2.1 CURRENT RATING: 1.5 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 200 - XXX - X X X GX**

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

|                                       |            |                                                        |                    |
|---------------------------------------|------------|--------------------------------------------------------|--------------------|
| PRODUCT TITLE:                        |            | 2.00mm Female Header, Dual Row, Right Angle, H: 6.35mm |                    |
| UNLESS OTHERWISE SPECIFIED TOLERANCES | SCALE: 1/1 | UNIT: mm                                               | FH200-2XX-RXXG0-18 |
|                                       | 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° |                                                        |                    |