



1. MATERIAL
  - 1.1 INSULATOR: THERMOPLASTIC (UL 94V-0).
  - 1.2 CONTACT MATERIAL: COPPER ALLOY.
2. SPECIFICATION
  - 2.1 CURRENT RATING: 1.0 Amp.
  - 2.2 INSULATION RESISTANCE: 500mΩ 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

**PH 080 - XXX - XXX GX**

|   |  |
|---|--|
| <p><u>Gender</u><br/>P=Pin Header<br/>F=Female Header</p> <p><u>Pitch</u><br/>0.80=080<br/>1.00=100<br/>1.27=127<br/>2.00=200<br/>2.54=254</p> <p><u>No. of PINS</u><br/>1 x 01 ~ 1 x 40 PINS<br/>2 x 01 ~ 2 x 40 PINS<br/>3 x 01 ~ 3 x 40 PINS</p> <p><u>Connector Type</u><br/>S=Straight<br/>R=Right Angle<br/>M=SMT</p> | <p><u>Plating (Standard: G0)</u><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</p> <p><u>Packing Style</u><br/>1. Loose in Bag<br/>2. Tape &amp; Reel<br/>3. Tube</p> <p><u>Insulator Material</u><br/>1: PBT<br/>2: PA6T<br/>3: PA9T<br/>4: LCP</p> |
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|                                       |            |  |         |                    |
|---------------------------------------|------------|--|---------|--------------------|
| PRODUCT TITLE:                        |            | 0.8*1.2mm Pin Header, SMT, R/A, Dual Row |         |                    |
| UNLESS OTHERWISE SPECIFIED TOLERANCES | SCALE: 1/1 | UNIT: mm                                 |         | PH080-2XX-MXXG0-01 |
|                                       | SIZE: A3   | PAGE: 1 OF 1                             | RAV.A01 |                    |
| 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° |  |         |                    |