



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: 7.0 Amp.
- 2.2 VOLTAGE RATING: 250V AC RMS.
- 2.3 INSULATION RESISTANCE: 1000mΩ Min.
- 2.4 DIELECTRIC WITHSTANDING: 1000VAC.
- 2.5 CONTACT RESISTENCE: 20mΩ Max.
- 2.6 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 Pin Header, Straight, Single Row, H: 2.41mm		
UNLESS OTHERWISE SPECIFIED TOLERANCES	SCALE: 1/1	UNIT: mm	PH508-1XX-SXXG0-01
	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°		