

Recommended PCB Layout  
(PCB TOLERANCE  $\pm 0.1$ )

## 1. MATERIAL

1.1 INSULATOR: POLYESTER (UL 94V-0);  
STANDARD: PA6T

1.2 CONTACT MATERIAL: COPPER ALLOY.

1.3 CONTACT PLATING: Au or Sn Over Ni

## 2. SPECIFICATION

2.1 CURRENT RATING: 1.0 Amp.

2.2 INSULATION RESISTANCE: 800m $\Omega$  Min.

2.3 DIELECTRIC WITHSTANDING: 400VAC.

2.4 CONTACT RESISTANCE: 20m $\Omega$  Max.

2.5 OPERATING TEMPERATURE: -40°C TO +105°C.

### BH 127 - XXX - XXX GX

**Category**

B=Box Header

**Plating**

G0: Gold Flash

G2: 1U" Gold

G3: 3U" Gold

G4: 5U" Gold

G5: 10U" Gold

G6: 15U" Gold

SN: Tin

**Pitch**

0.80=080

1.00=100

1.27=127

2.00=200

2.54=254

**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

**Packing Style**

1. Tray

2. Tape & Reel

3. Tube


**Insulator Material**

1: PBT

2: PA6T

3: PA9T

4: LCP

PRODUCT TITLE:	1.27mm pitch box header, right angle, H:4.9mm		
UNLESS OTHERWISE SPECIFIED TOLERANCES	SCALE: 1/1	UNIT: mm	 BH127-2XX-RXXGX-03
	SIZE: A3	PAGE: 1 OF 1	
DECIMALS:	ANGLES:	<b>WAYCONN ELECTRONICS</b>	
X : $\pm 0.5$	X : $\pm 6^\circ$		
X.X : $\pm 0.3$	X.X : $\pm 3^\circ$		
X.XX : $\pm 0.2$	X.XX : $\pm 2^\circ$		