



**Recommended PCB Layout  
 (PCB TOLERANCE ±0.1)**

CODE	HEIGHT
089	8.9
095	9.5
099	9.9
101	10.1
109	10.9
112	11.2
115	11.5
117	11.7
120	12.0
127	12.7
146	14.6
157	15.7
161	16.1
178	17.8
191	19.1

**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: 800mΩ Min.
- 2.3 DIELECTRIC WITHSTANDING: 400VAC.
- 2.4 CONTACT RESISTENCE: 20mΩ Max.
- 2.5 OPERATING TEMPERATURE: -40°C TO +105°C.

**BH 127 - XXX - XXX GX**

**Category**

B=Box Header

**Pitch**

- 0.80=080
- 1.00=100
- 1.27=127
- 2.00=200
- 2.54=254

**No. of PINS**

- 10,14,20,24,26,30,
- 32,34,40,44,50,60,
- 64,80,100

**Connector Type**

- S=Straight
- R=Right Angle
- M=SMT

**Plating**

- G0: Gold Flash
- G2: 1U" Gold
- G3: 3U" Gold
- G4: 5U" Gold
- G5: 10U" Gold
- G6: 15U" Gold
- SN: Tin

**Packing Style**

- 1. Tray
- 2. Tape & Reel
- 3. Tube

**Insulator Material**

- 1: PBT
- 2: PA6T
- 3: PA9T
- 4: LCP

PRODUCT TITLE:		1.27mm box header, SMT Type, Selective Height w/Post		
UNLESS OTHERWISE SPECIFIED TOLERANCES	SCALE: 1/1	UNIT: mm		BH127-2XX-MXXGX-01
	SIZE: A3	PAGE: 1 OF 1		
DECIMALS: X :±0.5 X.X :±0.3 X.XX :±0.2 ANGLES: X :±6° X.X :±3° X.XX :±2°		<b>WAYCONN ELECTRONICS</b>		