

RoHS

SPECIFICATIONS

Rated Current:3.0AMP

Contact Resistance:20mΩ Max

Withstand Voltage:1000V AC/DC

Insulation Resistance:1000MΩ Min

Operation Temperature:-40°C to +105°C

Contact Material:Brass

Contact Plating:Au Over Ni

Insulator Material:Polyester(UL94V-0)

Standard: PA6T

Max.Processing Temp: 230°C for 30-60 seconds
(260°C for 10 seconds)

Top view of the connector showing dimensions and pin positions. The drawing includes the following dimensions:

- Overall length: $2.54 \times \text{No. of Positions} + 7.6 \pm 0.3$
- Distance between the first and last pin: $2.54 \times (N-1) \text{ Positions} \pm 0.15$
- Pin pitch: $2.54 \times \text{No. of Positions} + 5.6 \pm 0.3$
- Pin diameter: 6.7
- Insulator thickness: 8.9 ± 0.25
- Insulator height: 8.7 ± 0.25

Cross-sectional view of the connector showing internal details and dimensions. The drawing includes the following dimensions:

- Pin diameter: 4.5
- Insulator thickness: 8.8 ± 0.25
- Pin height: 6.9
- Insulator height: 11.5
- Pin pitch: 2.54 ± 0.1
- Pin diameter: 0.64 SQ
- Pin diameter: 2.54 ± 0.1
- Pin diameter: 3.3 ± 0.25

Recommended P.C.B Layout (Top Side) showing pin positions and dimensions. The drawing includes the following dimensions:

- Pin pitch: 2.54
- Pin diameter: $\phi 1.02$
- Distance between the first and last pin: $2.54 \times (N-1) \text{ Positions}$
- Pin diameter: 2.54

Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ± 0.05)

				OPERATION		DRAW		SCALE	FIT	深圳市连盛精密连接器有限公司	
				X.X	± 0.30			UNIT	mm		
				X.XX	± 0.20	CHECK		SIZE	A4	PART NO. BH-00185	
A0	2012.03.28	NEW DRAWING		X.XXX	± 0.10	APPROVE		SHEET	1/1	TITLE: 2.54Box 26P H8.8mm 180° PA6T	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM	TOL			PROJ.			

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