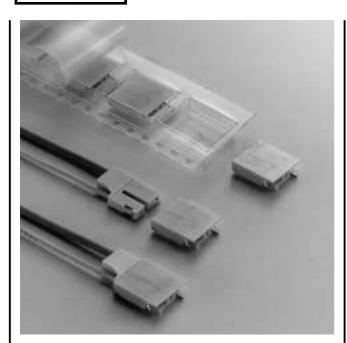


BHT CONNECTOR



Disconnectable Crimp style connectors



Low profile connectors with high withstanding voltage, designed for connecting liquid crystal display backlight lamps to their starters.

Features -

• High withstanding voltage

Conforming to IEC664-1 standards, the BHT connector is designed to have a enough electrical creep distances at the high-voltage side. Thus, compared to the conventional power supply connector for liquid crystal display backlight lamps, higher voltage is guaranteed.

Low profile

Only 2.8mm (.118") height.

Housing construction

Housing is of 2-piece construction, to prevent the contact for the higher voltage side from being exposed, while the lower voltage side is designed to be shorter for easy insertion of the contact even with thin wires.



Current rating: 1.0A AC, DC
Voltage rating: 1,500V AC, DC
Temperature range: -25°C to +85°C

(including temperature rise in applying

electrical current)

• Contact resistance: Initial value/10m Ω max.

After environmental testing/20m Ω max.

• Insulation resistance: 1,000M Ω min. • Withstanding voltage: 4,000V AC/minute

Applicable wire: AWG #28 to #24

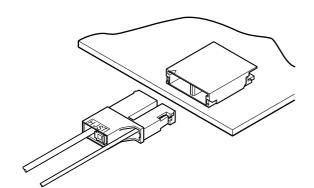
Insulation O.D/0.9 to 1.7mm(.035" to .067")

* Contact JST for details.

Standards -

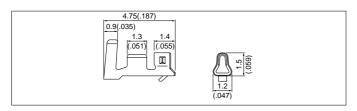
Recognized E60389

Certified LR20812



BHT CONNECTOR

Contact

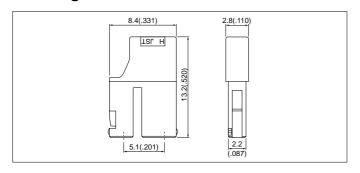


Model No.	Applicable wire			Q'ty /
Model No.	mm ²	AWG #	Insulation O.D. mm(in.)	reel
SBHT-002T-P0.5	0.08 to 0.22	28 to 24	0.9 to 1.7(.035 to .067)	10,000

Material and Finish

Copper alloy, tin-plated

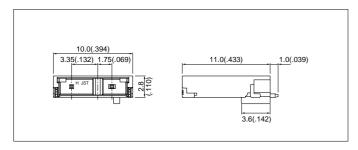
Housing -



Circuits	Model No.	Q'ty / box				
2	2 BHTR-02VS					
Material						

PBT, UL94V-0, natural (white)

Shrouded header

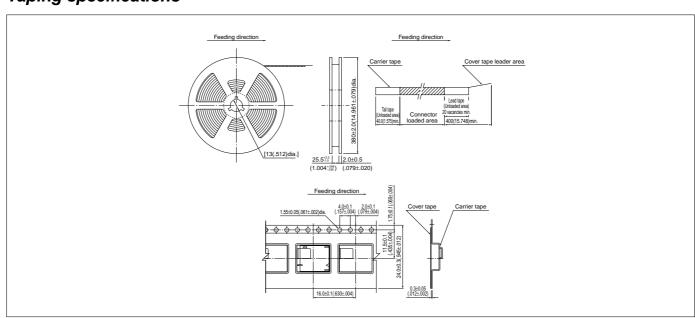


C	Circuits	Q'ty / reel			
	2	1,250			
ī	Material and Finish				
_		Press pin: Copper alloy, copper-undercoated, tin/lead-plated			

Press pin: Copper alloy, copper-undercoated, tin/lead-plated Post: Copper alloy, copper-undercoated, tin/lead-plated Wafer: Modified 6T nylon, UL94V-0, natural (ivory) Solder tab: Copper alloy, copper-undercoated, tin/lead-plated

Note: The products listed above are supplied on embossed tape.

Taping specifications

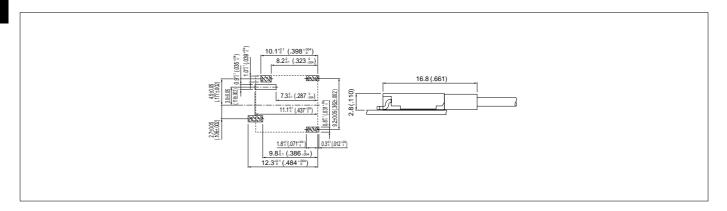


Note: 1. Conforms to JIS C0806. Tape width and tape connector recess dimensions depend the connector outer dimensions.

2. Specifications are subject to change without prior notice.

BHT CONNECTOR

PC board layout (viewed from component side) and Assembly layout -



Applicator for the semi-automatic press AP-K2N -

Contact	Crimp applicator MKS-L		Compact crimp applicator MKS-LS		Strip-crimp applicator MKS-SC	
Contact	with safety cover	without safety cover	with safety cover	without safety cover	with safety cover	
SBHT-002T-P0.5	APLMK SBHT002-05	APLNC SBHT002-05	_	_	_	