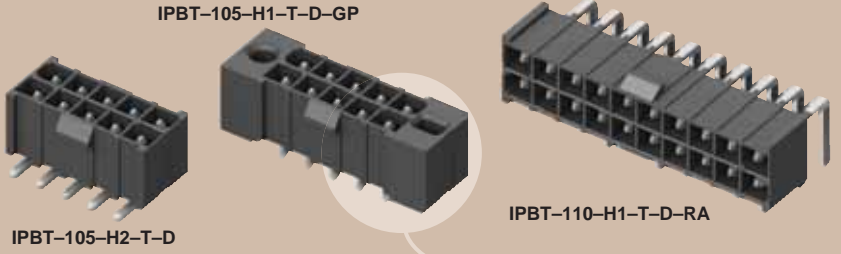




(4,19mm) .165"  
IPBT SERIES



# ISOLATED TERMINAL POWER HEADER

## SPECIFICATIONS

For complete specifications see [www.samtec.com](http://www.samtec.com)?IPBT

**Insulator Material:**  
Black Liquid Crystal Polymer



**Contact Material:**  
High Copper Alloy



**Plating:**

Sn over 50µ" (1,27µm) Ni

**Operating Temp Range:**

-55°C to +105°C

**Voltage Rating:**

500 VAC/707 VDC

**RoHS Compliant:**

Yes

**Lead-Free Solderable:**

Yes

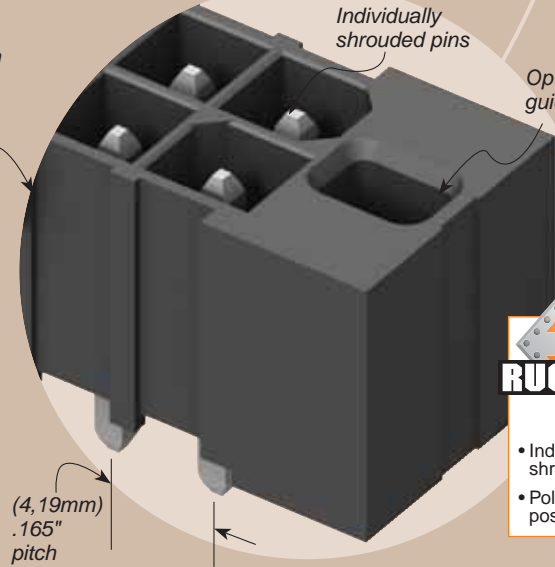
**Mates with:**  
IPBS, IPBD, PMSD,  
PMSS, SCR1

CURRENT RATING	
AMBIENT TEMP	IPBT/IPBS
20°C	8.2A
40°C	6.6A
60°C	6.0A
75°C	4.8A
6 POSITIONS (2x3) POWERED	

Latching mechanism for mating with IPBD Series

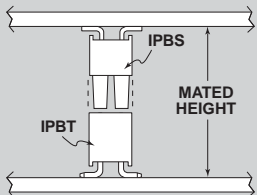
Individually shrouded pins

Optional polarized guide post holes



• Individually shrouded contacts  
• Polarized guide post hole option

## APPLICATION



IPBT/IPBS LEAD STYLE	MATED HEIGHT*
-H1/-01	(15,25) .600
-H2/-02	(16,84) .663
-H3/-01	(17,00) .670
-H4/-01	(19,00) .748
-H5/-01	(20,00) .787
-H6/-01	(25,00) .984

\*Processing conditions will affect mated height.

## IPBT - 1 NO. OF POSITIONS PER ROW - LEAD STYLE - PLATING OPTION - ROW OPTION - OPTION

**02, 03, 04, 05, 08, 10, 15**  
(-D only)

**02, 03, 04, 05**  
(-S only)  
(Call Samtec for other sizes)

**-H1**  
= Through-Hole

**-H2**  
= Surface Mount

**-HX**  
= Elevated Through-Hole  
(Specify "XX" from chart -D only)

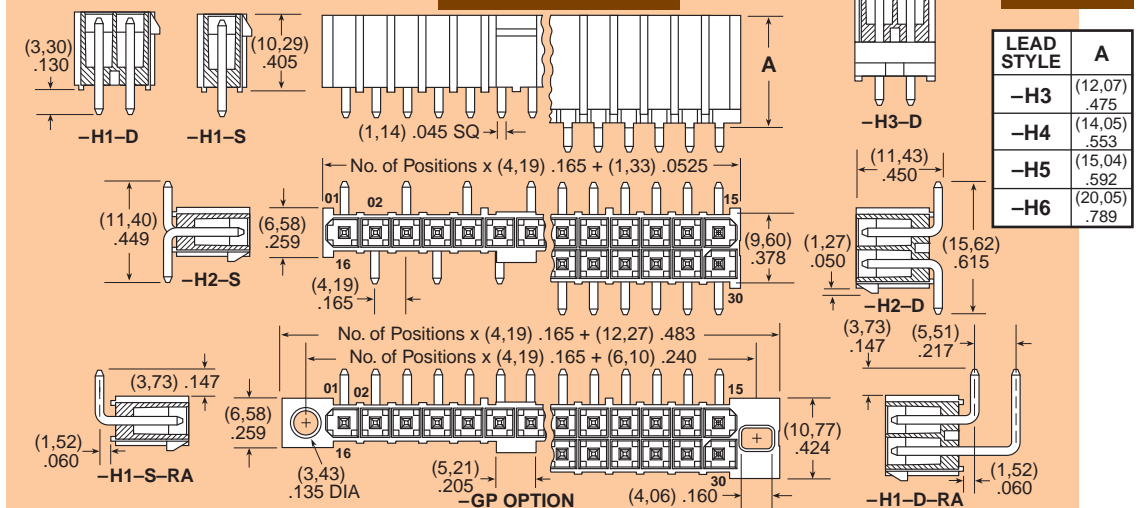
**-T**  
= Matte Tin

**-S**  
= Single Row

**-D**  
= Double Row

**-RA**  
= Right Angle (Lead Style -H1 only)

**-GP**  
= Guide Post Holes (8 positions not available)



LEAD STYLE	A
-H3	(12,07) .475
-H4	(14,05) .553
-H5	(15,04) .592
-H6	(20,05) .789

**Note:** Some lengths, styles and options are non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)