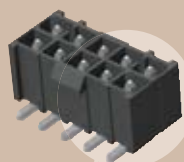


(4,19 mm) .165"

IPBT SERIES



IPBT-105-H2-T-D-K



IPBT-110-H1-T-D-RA-K



IPBT-105-H1-T-D-GP

ISOLATED TERMINAL POWER HEADER

SPECIFICATIONS

For complete specifications
see www.samtec.com?IPBT

Insulator Material:
Black Liquid Crystal
Polymer



Contact Material:
High Copper Alloy



Plating:

Operating Temp Range:
-55°C to +105°C

Voltage Rating:
500 VAC/707 VDC

RoHS Compliant:

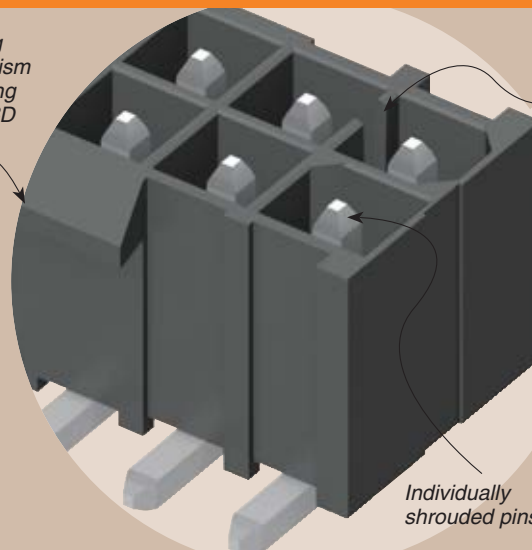
Lead-Free Solderable:
Yes

Mates with:
IPBS, IPBD, PMSD,
PMSS

Latching mechanism for mating with IPBD Series

Keyed Polarization

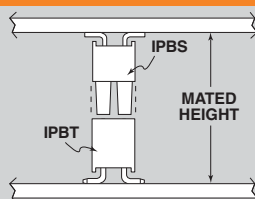
CURRENT RATING (PER CONTACT)	
AMBIENT TEMP	IPBT/IPBS
20°C	9.0A
40°C	7.8A
60°C	6.5A
75°C	5.3A
4 POSITIONS (2x2) POWERED	



*Individually
shrouded pins*



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
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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

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

-S
= Single Row

-D
= Double Row

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

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

-K
= Keyed Polarization (not available with -GP option, is required callout if -GP not called out)

Technical drawings of various connector styles including H1-D, H1-S, H2-S, H2-D, H1-S-RA, H1-D-RA, and GP OPTION. Each drawing shows dimensions for lead length, pitch, and overall size. The GP OPTION drawing shows a grid of positions with dimensions for pitch and overall length.

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.

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