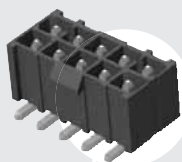


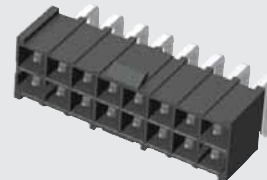


(4.19 mm) .165"

IPBT-105-H2-T-D-K



IPBT-108-H1-T-D-RA-K



IPBT-105-H1-T-D-GP

IPBT SERIES

ISOLATED TERMINAL POWER HEADER

SPECIFICATIONS

For complete specifications
see www.samtec.com?IPBT

Insulator Material:
Black Liquid Crystal Polymer

Contact Material:

Contact Material:
High Copper Alloy

Plating:

Sn over 50μ" (1.27 μm) Ni

Operating Temp Range:

-55°C to +105°C

Voltage Rating:
100 VAC/505 VDC

400 VAC/565 VDC
RoHS Compliant:

Yes

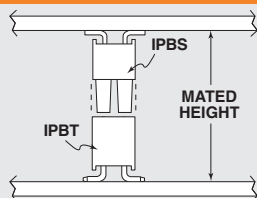
Lea
Yes

RECOGNITIONS

For complete scope
of recognitions see
www.samtec.com/quality



APPLICATION



IPBT/IPBS LEAD STYLE	MATED HEIGHT*
H1/-01	(15.25) .600
-H2/-02	(16.84) .663

*Processing conditions will affect mated height.

*Processing conditions will affect mated height.

ALSO AVAILABLE
(MOQ Required)

- Other sizes
 - Other lead styles
- Contact Samtec.

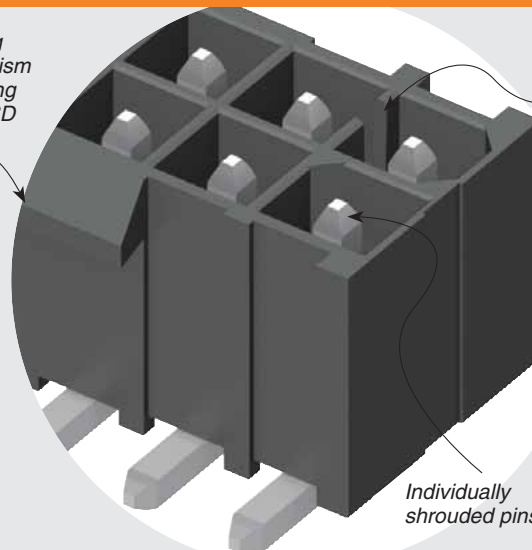
Note: Some lengths, styles and options are non-standard, non-returnable.

Mates with:
IPBS, IPBD,
PMSD, PMSS

IPBT/IPBS	
PINS POWERED	CURRENT RATING (PER CONTACT)
2	10.3 A
4	8.4 A
6	7.6 A
8	7.1 A
30	6.0 A

Latching mechanism for mating with IPBD Series

Keyed Polarization



Individually
shrouded pins



- Individually shrouded contacts
- Polarized guide post hole option

IPBT	1	NO. OF POSITIONS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTION
02, 03, 04, 05, 08, 10, 15 (-D only)			-H1 = Through-Hole	-T = Matte Tin	-S = Single 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)
02, 03, 04, 05, 08, 10 (-S only) (Standard sizes)			-H2 = Surface Mount		-D = Double Row	

Technical drawings illustrating various connector options and their dimensions:

- H1-S**: Single row, through-hole lead style. Dimensions: (10.29) .405, (9.65) .380, (1.14) .045 SQ.
- H1-D**: Single row, double row lead style. Dimensions: (3.30) .130, (11.43) .450, (1.27) .050, (15.62) .615.
- H2-S**: Surface mount lead style. Dimensions: (11.40) .449, (6.58) .259, (4.19) .165.
- H2-D**: Surface mount lead style. Dimensions: (11.43) .450, (1.27) .050, (15.62) .615.
- H1-S-RA**: Single row, through-hole lead style, right angle. Dimensions: (3.73) .147, (1.52) .060.
- GP OPTION**: Guide post holes. Dimensions: (3.43) .135 DIA, (5.21) .205, (4.06) .160, (10.77) .424. Formulas for overall length:

$$\text{No. of Positions} \times (4.19) .165 + (1.33) .052$$

$$\text{No. of Positions} \times (4.19) .165 + (6.10) .240$$
- H1-D-RA**: Single row, through-hole lead style, right angle, double row. Dimensions: (3.73) .147, (5.51) .217, (1.52) .060.

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