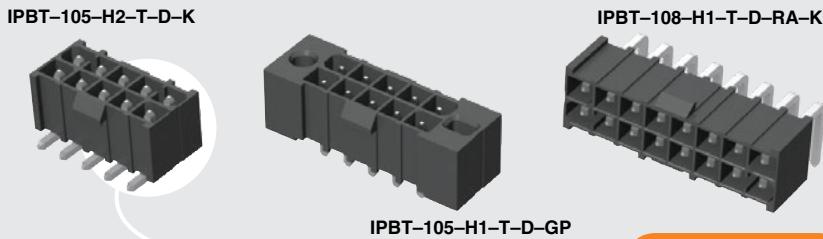


(4.19 mm) .165"



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: High Copper Alloy

Plating:

Sn over 50 μ " (1.27 μ m) Ni

Operating Temp Range: -55 °C to +105 °C

Voltage Rating: 400 VAC/565 VDC

Standard Creepage: (3.66 mm) .144" (-S)

(3.63 mm) .143" (-D)

Standard Clearance: (3.05 mm) .120"

RoHS Compliant: Yes

Lead-Free Solderable: Yes

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

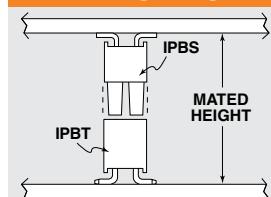
RECOGNITIONS

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



FILE NO. E111594 FILE NO. 090371_0_000

APPLICATION



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

*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.

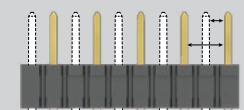
Board Mates:
IPBS, IPBD

Cable Mates:
PMSD, PMSS

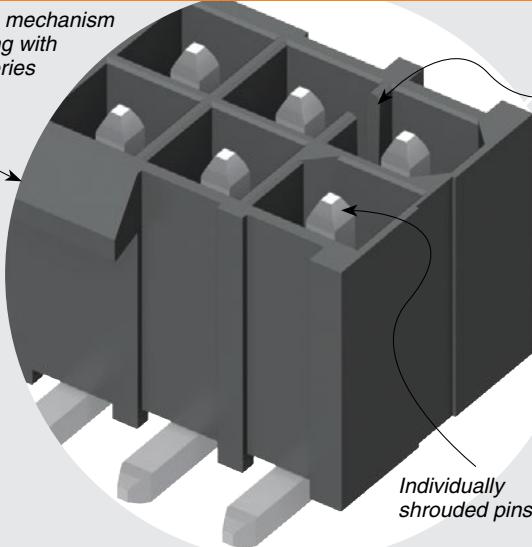
Latching mechanism for mating with IPBD Series

Keyed polarization

CREEPAGE AND CLEARANCE

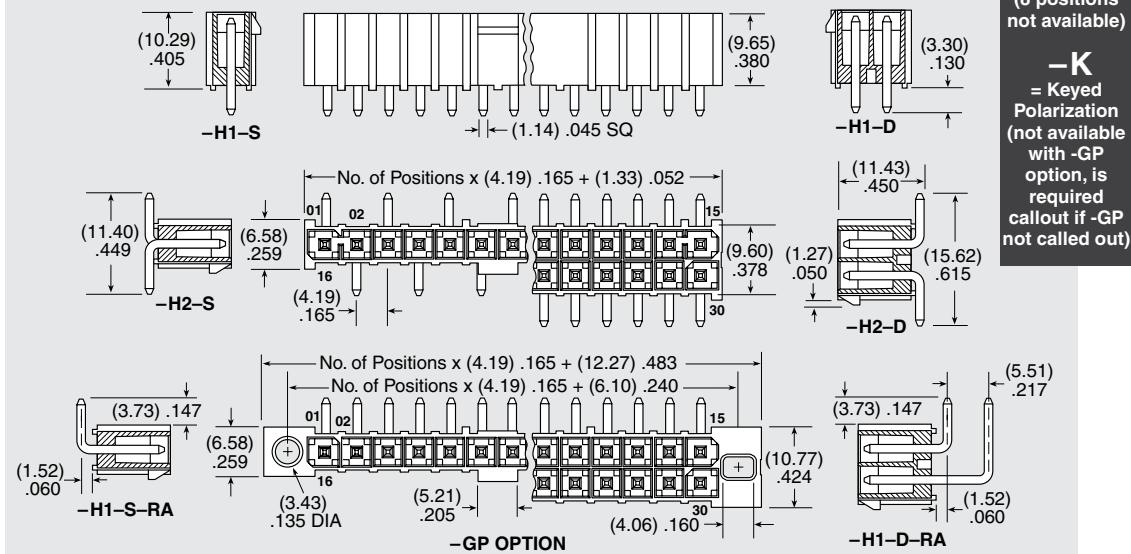
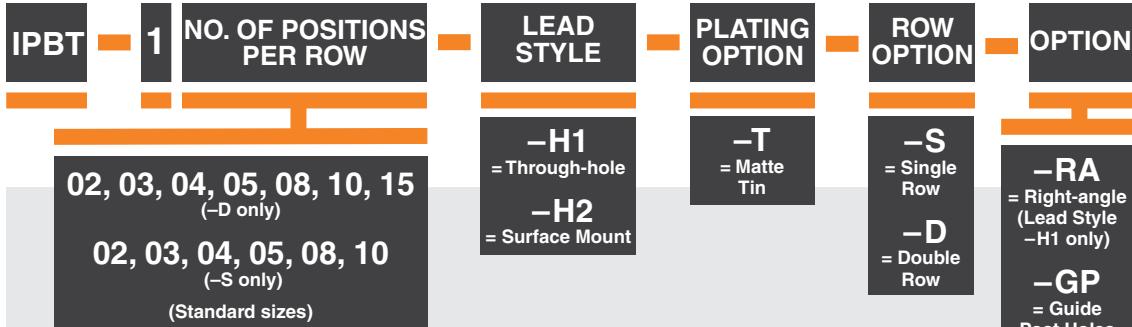


Selectively loading contacts achieves customer specific creepage and clearance requirements. Contact asp@samtec.com



RUGGEDIZED BY SAMTEC

- Individually shrouded contacts
- Polarized guide post hole option



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

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.