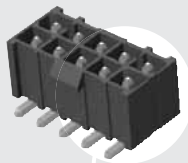
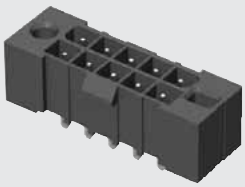
samtec

POWER MATE®

(4.19 mm) .165"

IPBT–105–H2–T–D–K





IPBT–105–H1–T–D–GP

IPBT–108–H1–T–D–RA–K

IPBT SERIES

# ISOLATED TERMINAL POWER HEADER

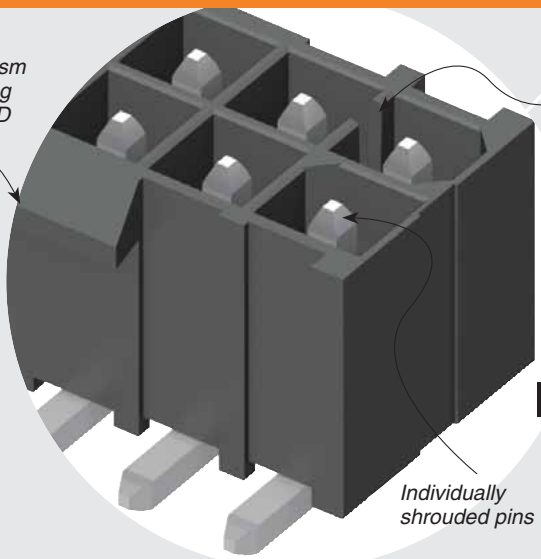
## SPECIFICATIONS

For complete specifications see www.samtec.com?IPBT

**Insulator Material:**
Black Liquid Crystal Polymer
**Contact Material:**
High Copper Alloy
**Plating:**
Sn over 50µ" (1.27 µm) Ni
**Operating Temp Range:**
-55°C to +105°C
**Voltage Rating:**
400 VAC/565 VDC
**RoHS Compliant:**
Yes
**Lead–Free Solderable:**
Yes

**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 |




RUGGEDIZED by SAMTEC
- Individually shrouded contacts
- Polarized guide post hole option

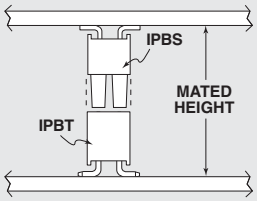
## RECOGNITIONS

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

FILE NO. E111594

FILE NO: 090871_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.

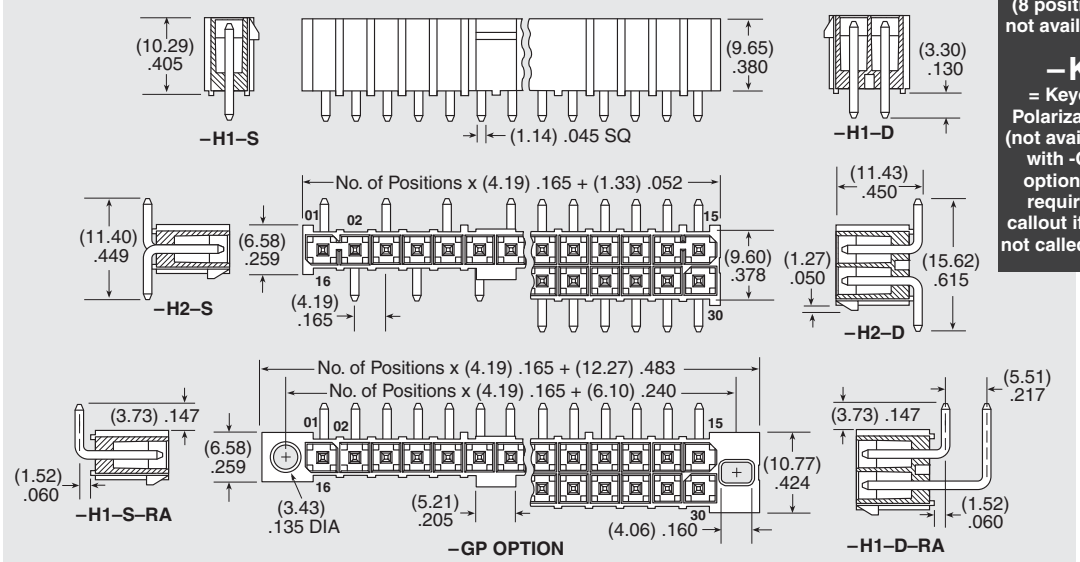
## ALSO AVAILABLE (MOQ Required)

- Other sizes
- Other lead styles

Contact Samtec.

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

| IPBT | – | 1 | NO. OF POSITIONS PER ROW | – | LEAD STYLE | – | PLATING OPTION | – | ROW OPTION | – | OPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 02, 03, 04, 05, 08, 10, 15 (–D only)<br>02, 03, 04, 05, 08, 10 (–S only)<br>(Standard sizes) | | –H1 = Through-Hole<br>–H2 = Surface Mount | | –T = Matte Tin | | –S = Single Row<br>–D = Double Row | | –RA = Right Angle (Lead Style –H1 only)<br>–GP = Guide Post Holes (8 positions not available)<br>–K = Keyed Polarization (not available with -GP option, is required callout if -GP not called out) |






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