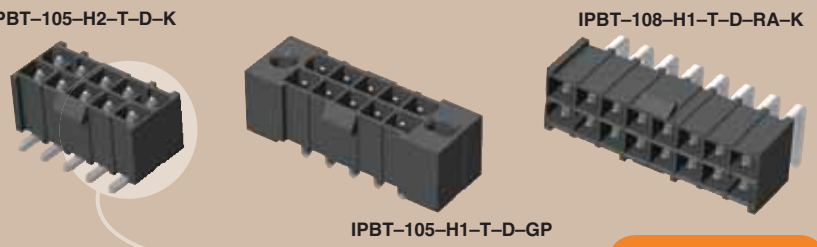
samtec

POWER MATE®

(4,19 mm) .165"



IPBT SERIES

ISOLATED TERMINAL POWER HEADER

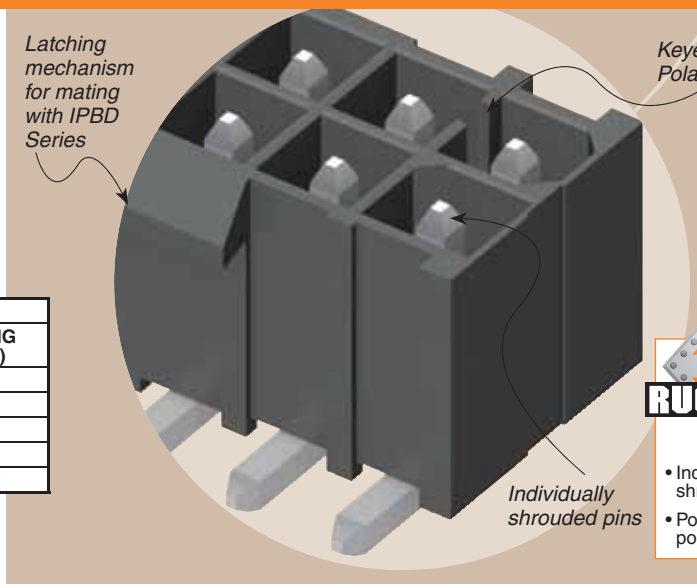
SPECIFICATIONS

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:
500 VAC/707 VDC
RoHS Compliant:
Yes
Lead–Free Solderable:
Yes

Mates with:
IPBS, IPBD, PMSD, PMSS

IPBT/IPBS	
PINS	CURRENT RATING (PER CONTACT)
1	5.9 A
2	5.3 A
3	4.8 A
4	4.5 A
ALL	3.6 A



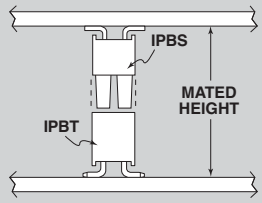
RUGGEDIZED by SAMTEC
- Individually shrouded contacts
- Polarized guide post hole option

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
–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.

ALSO AVAILABLE
(MOQ Required)

- Other sizes

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

NO. OF POSITIONS PER ROW

02, 03, 04, 05, 08, 10, 15
(–D only)

02, 03, 04, 05
(–S only)
(Standard sizes)

LEAD STYLE

–H1
= Through-Hole

–H2
= Surface Mount

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

PLATING OPTION

–T
= Matte Tin

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

ROW OPTION

–S
= Single Row

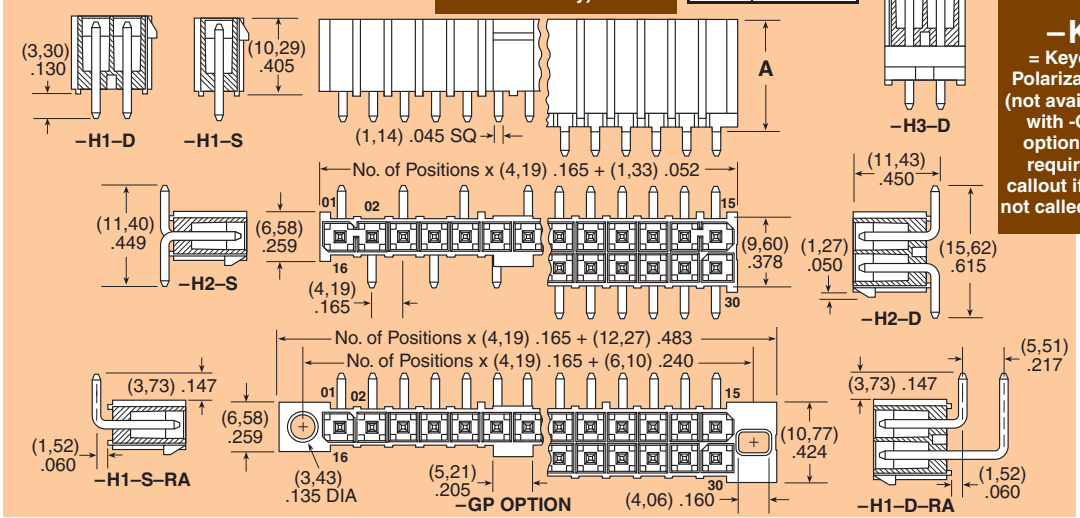
–D
= Double Row

OPTION

–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)



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

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