



(4.19 mm) .165"

IPBS-105-02-T-D

IPBS-110-01-T-D-GP

IPBS-105-01-T-S-GP

IPBS SERIES

ISOLATED CONTACT POWER SOCKET

SPECIFICATIONS

For complete specifications see www.samtec.com?IPBS

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Sn over 50μ" (1.27 μm) Ni

Operating Temp Range:

-55°C to +105°C

Insertion Depth:

(6.15 mm) .242" to

(7.24 mm) .285"

Wiping Distance:

(0.38 mm) .015" min.

Insertion Force:

14 oz (3.89 N) avg.

Withdrawal Force:

10 oz (2.78 N) avg.

Voltage Rating:

400 VAC/565 VDC

RoHS Compliant:

Yes

Lead-Free Solderable:

Yes

Mates with:

IPBT

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

Individually shrouded contacts

Optional polarized guide posts

(4.19 mm) .165" pitch



RECOGNITIONS

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



IPBS	1	NO. OF POSITIONS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTION
		02, 03, 04, 05, 08, 10, 15 (-D only)	-01 = Standard Power	-T = Matte Tin	-S = Single Row	-GP = Guide Post
		02, 03, 04, 05, 08, 10 (-S only) (Standard sizes)	-02 = Standard Power Surface Mount		-D = Double Row	

ALSO AVAILABLE (MOQ Required)

- Other sizes Contact Samtec.

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

