



(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](http://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](http://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<br>(-D only)                 | -01<br>= Standard Power               | -T<br>= Matte Tin | -S<br>= Single Row | -GP<br>= Guide Post |
|      |   | 02, 03, 04, 05, 08, 10<br>(-S only)<br>(Standard sizes) | -02<br>= Standard Power Surface Mount |                   | -D<br>= Double Row |                     |

## ALSO AVAILABLE (MOQ Required)

- Other sizes Contact Samtec.

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

