

**(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 50  $\mu$ " (1.27  $\mu$ m) 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.

**Voltage Rating:**

400 VAC/565 VDC

**Standard Creepage:**

(4.27 mm) .168" (-S)

(1.68 mm) .066" (-D)

**Standard Clearance:**

(2.16 mm) .085" (-S)

(1.14 mm) .045" (-D)

**RoHS Compliant:**

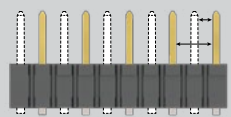
Yes

**Lead-Free Solderable:**

Yes

Mates with:  
IPBT

## CREEPAGE AND CLEARANCE



Selectively loading contacts achieves customer specific creepage and clearance requirements.  
Contact [asp@samtec.com](mailto:asp@samtec.com)

Individually shrouded contacts

Optional polarized guide posts

**RUGGEDIZED**  
BY SAMTEC

- Individually shrouded contacts
- Polarized guide post option

(4.19 mm)  
.165"  
pitch

IPBS/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

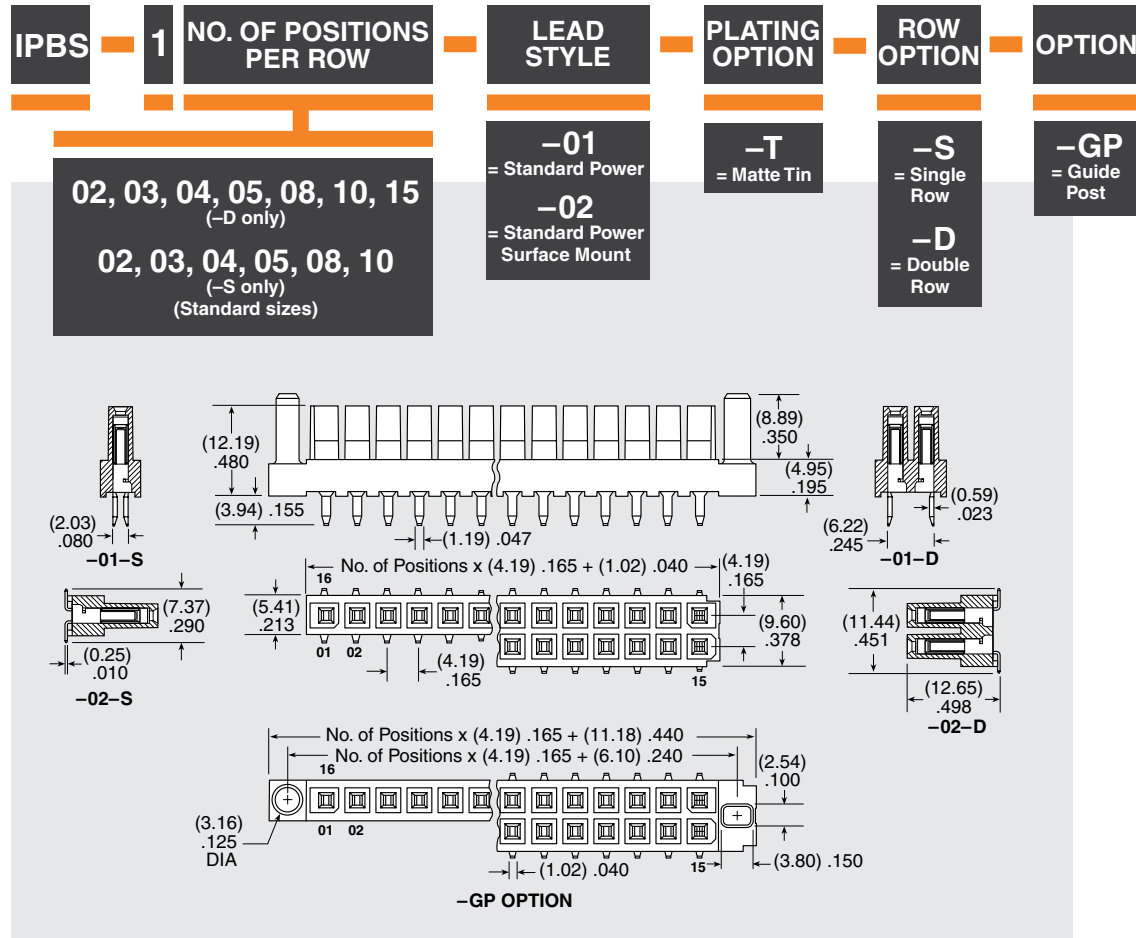
## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## ALSO AVAILABLE (MOQ Required)

- Other sizes
- Contact Samtec.



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

[WWW.SAMTEC.COM](http://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.

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