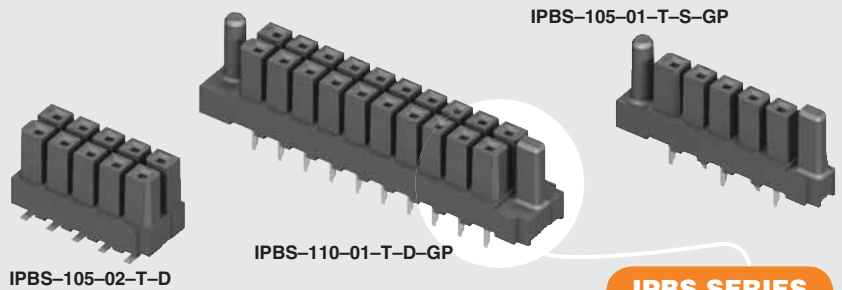




(4.19 mm) .165"



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

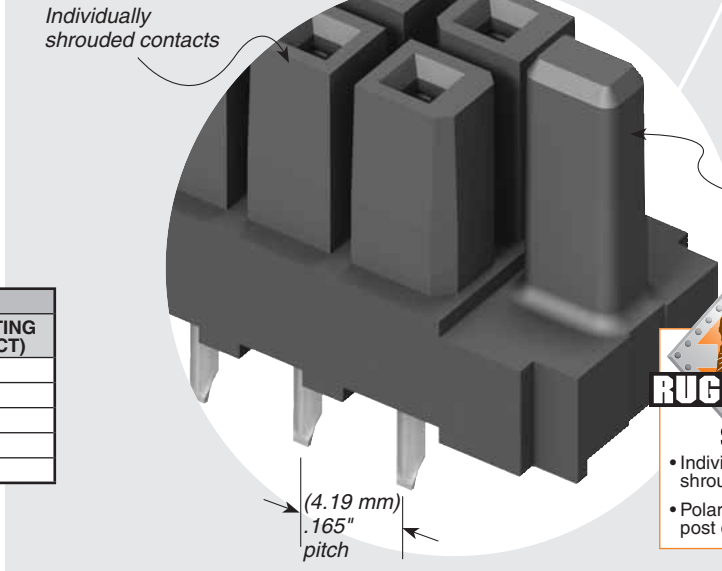
**Lead-Free Solderable:**

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

- Individually shrouded contacts
- Polarized guide post option

## RECOGNITIONS

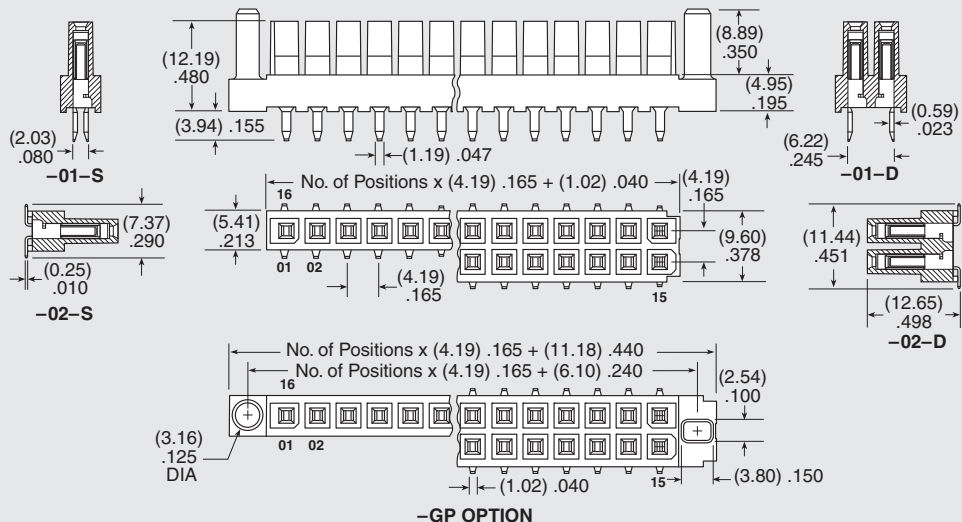
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



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

## ALSO AVAILABLE (MOQ Required)

- Other sizes Contact Samtec.



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