



IPBS-108-01-T-D-GP

IPBS-105-H1-T-D-GP

POWER-MATE™ SOCKET IPBS SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?IPBS

Insulator Material:
Black Liquid Crystal Polymer



Contact Material:
-01= Phosphor Bronze
-H1= High Copper Alloy

Plating:
Sn over 50µ" (1,27µm) Ni

Operating Temp Range:
-40°C to +105°C

Insertion Force:
14oz (3,89N) avg

Withdrawal Force:
10oz (2,78N) avg

Voltage Rating:
725 VAC

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

with Matte Sn plating

Lead-Free Solderable:

Wave, or reflow with Matte Sn

Mates with:
IPBT



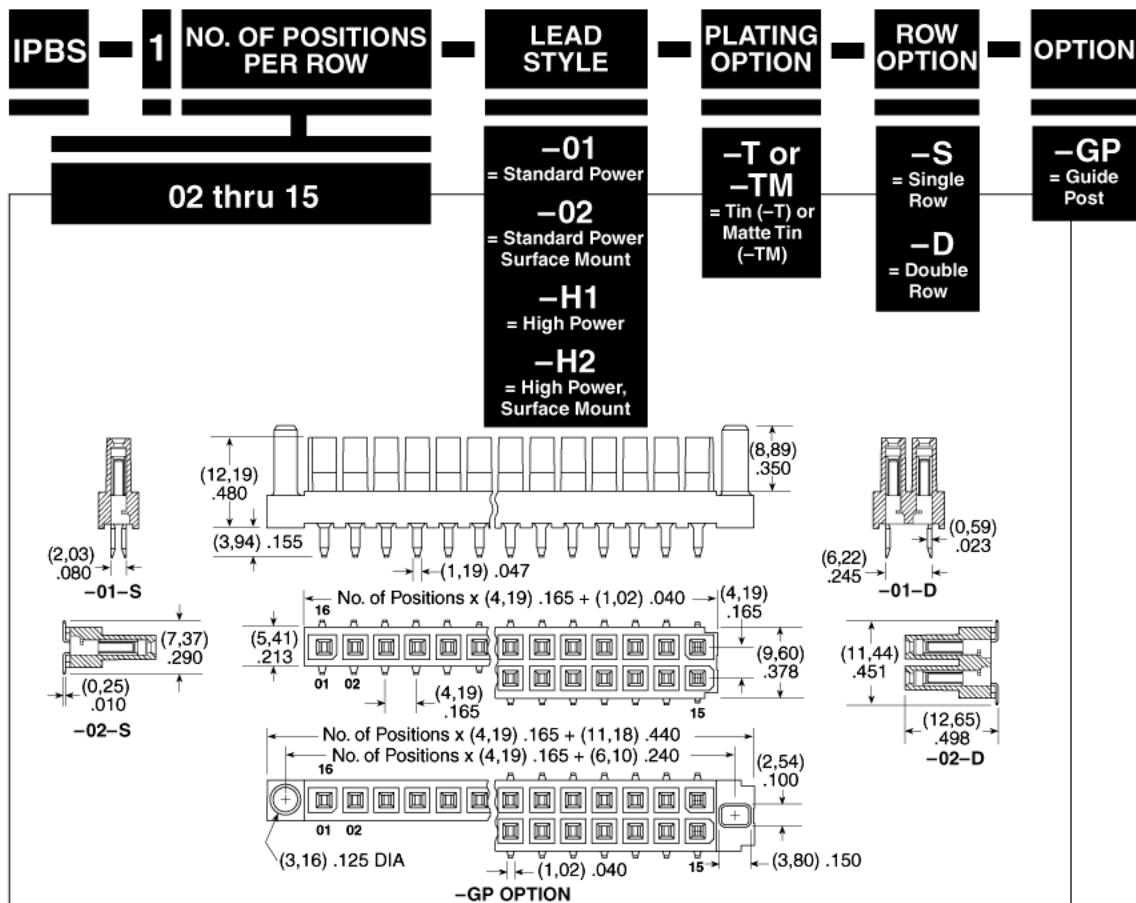
CURRENT RATINGS		
6 in Series, 2x3 (mated with IPBT)		
Ambient Temperature	-01 & -02	-H1 & -H2
20°C	11A	18A
40°C	10A	16A
60°C	8A	13A
80°C	6A	10A

(4,19mm)
.165"
pitch

Individually
shrouded contacts

Optional
polarized
guide posts

Through-Hole



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

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

WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 • Fax: 812-948-5047
SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0 • Fax: +49 (0) 89 / 89460-299
SAMTEC SCANDINAVIA • Tel: +46-84477280 • Fax: +46-84420413
SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 • Fax: 65 6841-1502
SAMTEC HONG KONG • Tel: 852-26904858 • Fax: 852-26904842
SAMTEC JAPAN • Tel: 81-424-42-8318 • Fax: 81-424-42-8319
SAMTEC KOREA • Tel: 82-31-717-5685 • Fax: 82-31-717-5681
SAMTEC SILICON VALLEY • Tel: 408-395-5900 • Fax: 408-395-1520
SAMTEC FRANCE • Tel: 01 60 95 06 60 • Fax: 01 60 95 06 61
SAMTEC ISRAEL • Tel: 972-3-7526600 • Fax: 972-3-7526690
SAMTEC CHINA • Tel: 86-21-5385-4089 • Fax: 86-21-5385-4047
SAMTEC SOUTH AFRICA • Tel: 27 11 4528112 • Fax: 27 86 6714432
SAMTEC UK • Tel: 01236 739292 • Fax: 01236 727113
SAMTEC ITALY • Tel: 39 039 6890337 • Fax: 39 039 6890315
SAMTEC INDIA • Tel: 91 80 306 21 612 • Fax: 91 80 5152 8187
SAMTEC TAIWAN • Tel: 886 02 2698-3367 • Fax: 886 02 8698-2159
SAMTEC ANZ • Tel: 613 9512 7747 • Fax: 613 9512 7745