

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

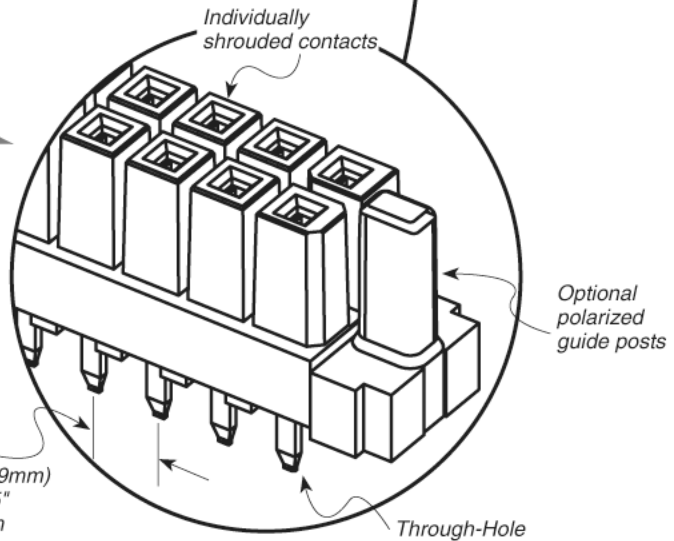
RoHS Compliant:
Yes

Processing:
Max Processing Temp:
230°C for 60 seconds, or
260°C for 20 seconds 3x
Lead-Free Solderable:
Yes

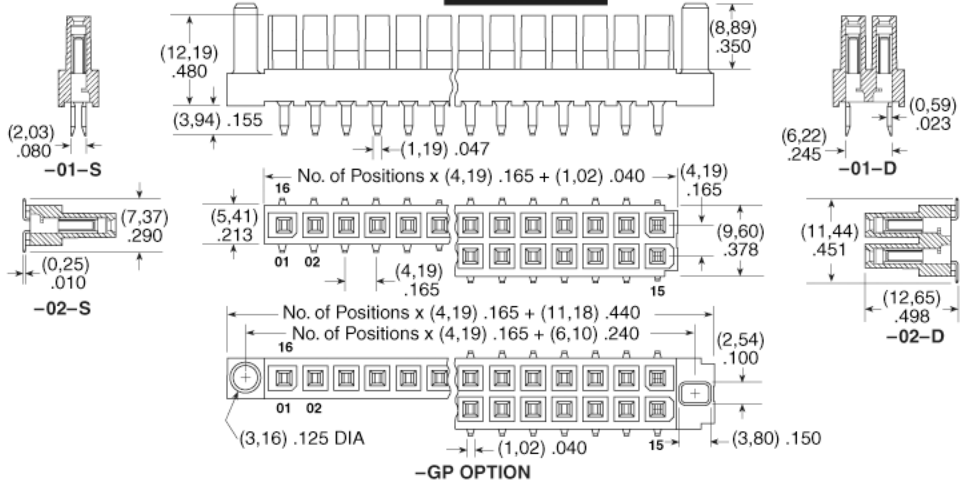
Mates with:
IPBT



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



IPBS	1	NO. OF POSITIONS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTION
		02, 03, 04, 05, 10, 15 (-D only)	-01 = Standard Power -02 = Standard Power Surface Mount -H1 = High Power -H2 = High Power, Surface Mount	-T = Matte Tin	-S = Single Row -D = Double Row	-GP = Guide Post
		02, 03, 04, 05 (-S only) (Call Samtec for other sizes)				



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.

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