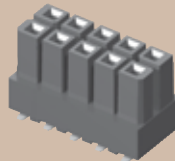
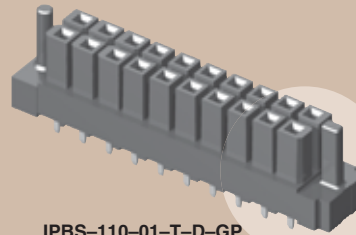




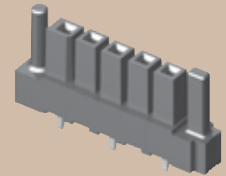
IPBS-105-H2-T-D



IPBS-110-01-T-D-GP



IPBS-105-01-T-S-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 Depth:
(6,15mm) .242" to
(7,24mm) .285"

Wiping Distance:
(0,38mm) .015" min.

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

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

Voltage Rating:
725 VAC

RoHS Compliant:
Yes

Processing:

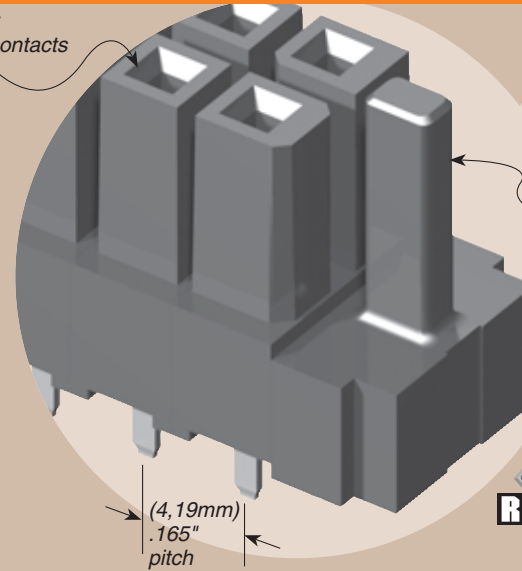
Max Processing Temp:
230°C for 60 seconds, or
260°C for 20 seconds 3x
Lead-Free Solderable:
Yes

Mates with:
IPBT

Individually
shrouded contacts

Optional
polarized
guide posts

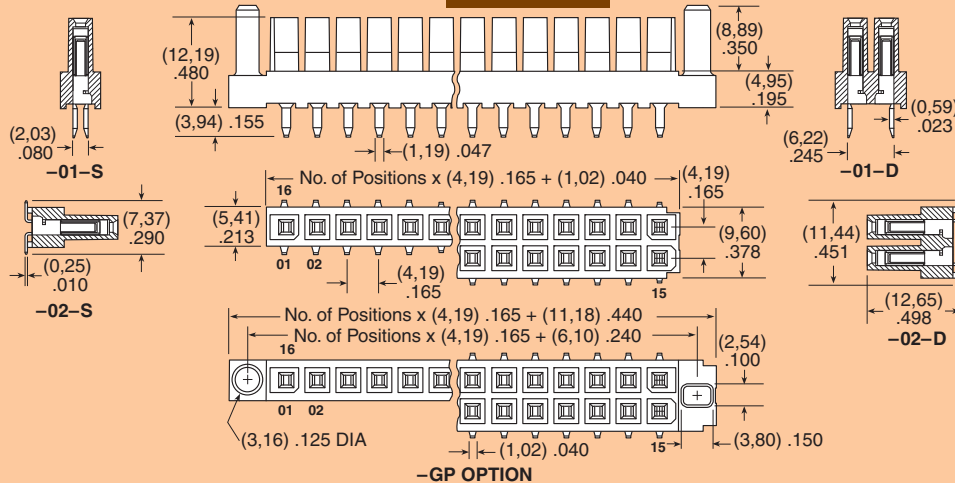
AMBIENT TEMP	CURRENT RATING (-HX)	
	2 PINS	4 PINS
20°C	19.3A	16.6A
40°C	16.9A	14.4A
60°C	14A	12A
75°C	11.4A	9.7A



(4,19mm)
.165"
pitch



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	-T = Matte Tin	-S = Single Row	-GP = Guide Post
		02, 03, 04, 05 (-S only) (Call Samtec for other sizes)	-02 = Standard Power Surface Mount		-D = Double Row	
			-H1 = High Power			
			-H2 = High Power Surface Mount			



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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