

# POWER MATE™ CABLE PMSD, PMSS, IPBD SERIES

## SPECIFICATIONS

Mates with:  
IPBT

For complete specifications see [www.samtec.com?PMSD](http://www.samtec.com?PMSD), [www.samtec.com?PMSS](http://www.samtec.com?PMSS) or [www.samtec.com?IPBD](http://www.samtec.com?IPBD)

Insulator Material:

Valox 457

Contact Material:

-SP= Phosphor Bronze

-HP= High Copper Alloy

Plating:

Sn over 50µ" (1,27µm) Ni

Operating

Temp Range:

-40°C to +105°C

Voltage Rating:

975 VAC

Wire: 16 to 24 AWG

RoHS Compliant:

No



### TYPE

**PMSD**  
= Double Row

**PMSS**  
= Single Row  
(-02, -03, -04, -05)  
(Call Samtec for other sizes)

### PINS PER ROW

-02, -03,  
-04, -05,  
-10, -15  
(Call Samtec for other sizes)

### WIRE GAUGE

-16  
-18  
-20  
-22  
-24

### LEAD STYLE

-SP  
= Standard Power

-HP  
= High Power

### ASSEMBLED LENGTH

-“XX.XX”  
= Wire Length in Inches (88,90mm) 03.50" min.

### END OPTION

-S  
= Single End

-D  
= Double End

### OPTION

(Available on -D end option only. Applies to End 2 housing)

-LUS  
= Latch up, straight

-LDS  
= Latch down, straight

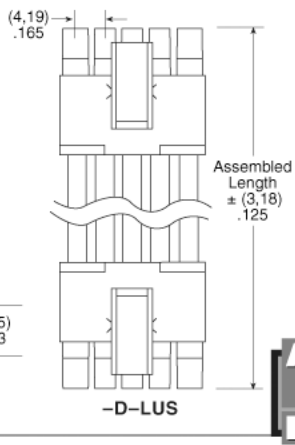
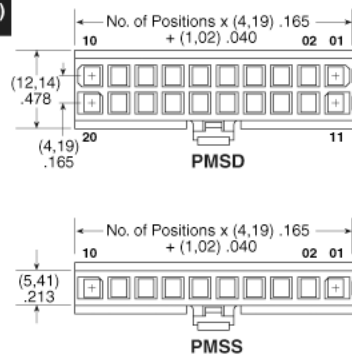
-LUX  
= Latch up, crossed

-LDX  
= Latch down, crossed

| CURRENT RATING |           |
|----------------|-----------|
| AMBIENT TEMP   | PMSS/IPBT |
| 20°C           | 8.9A      |
| 40°C           | 8.2A      |
| 60°C           | 6.8A      |
| 75°C           | 5.5A      |

6 POSITIONS (SP) IN LINE POWERED

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



### TYPE

**IPBD**  
= Body, Loose

### POSITIONS PER ROW

-02, -03, -04, -05,  
-10, -15  
(-D only)

-02, -03, -04, -05  
(-S only)  
(Call Samtec for other sizes)

### ROW OPTION

-S  
= Single Row

-D  
= Double Row

### TYPE

**CC69L**  
= Contact, Loose

**CC69R**  
= Contact, Full Reel (4,000 Parts per Reel)

### WIRE GAUGE

-2024  
= 24 to 20 AWG

-1620  
= 20 to 16 AWG

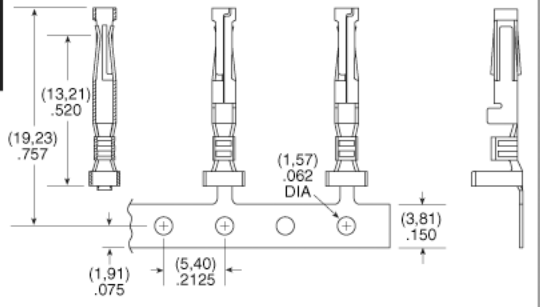
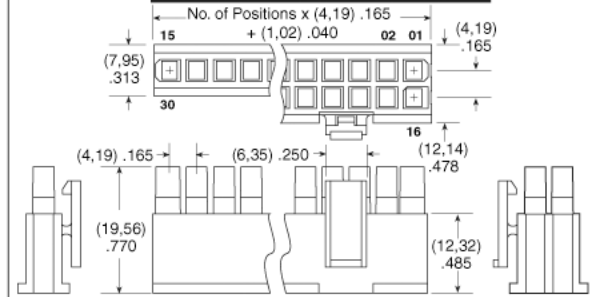
### T

-T  
= Tin

### LEAD STYLE

-SP  
= Standard Power

-HP  
= High Power



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

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