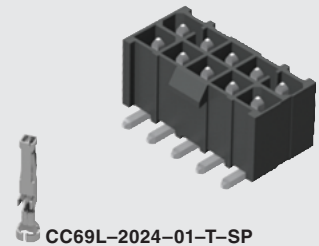




IPBD-02-D-K

IPBD-05-S-K

IPBT-105-H2-T-D-K



CC69L-2024-01-T-SP

(4,19 mm) .165"

IPBD, CC69, IPBT SERIES

# DISCRETE WIRE CABLE COMPONENTS

## SPECIFICATIONS

For complete specifications  
www.samtec.com?IPBD  
or www.samtec.com?CC69

## TOOLING

- Hand tool (16-20 AWG):  
CAT-HT-169-1620-11
- Hand tool (20-24 AWG):  
CAT-HT-169-2024-11
- Mini Applicator  
(16-20 AWG):  
CAT-MA-169-1620-XX-01
- Mini Applicator  
(20-24 AWG):  
CAT-MA-169-2024-XX-01

| TYPE                     | POSITIONS PER ROW                                              | ROW OPTION                                         | K                             |
|--------------------------|----------------------------------------------------------------|----------------------------------------------------|-------------------------------|
| IPBD<br>= Body,<br>Loose | -02,<br>-03, -04,<br>-05, -08,<br>-10, -15<br>(Standard sizes) | -S<br>= Single<br>Row<br><br>-D<br>= Double<br>Row | -K<br>= Keyed<br>Polarization |
|                          |                                                                |                                                    |                               |

| TYPE                                                                                              | WIRE GAUGE                                             | 01 | T           | SP |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------------|----|-------------|----|
| CC69L<br>= Contact,<br>Loose<br><br>CC69R<br>= Contact,<br>Full Reel<br>(4,000 Parts<br>per Reel) | -2024<br>= 20 to 24 AWG<br><br>-1620<br>= 16 to 20 AWG |    | -T<br>= Tin |    |
|                                                                                                   |                                                        |    |             |    |

Mates with:  
IPBS, IPBD, PMSD,  
PMSS

## SPECIFICATIONS

For complete specifications  
see www.samtec.com?IPBT

**Insulator Material:**  
Black Liquid Crystal  
Polymer

**Contact Material:**  
High Copper Alloy  
**Plating:**

Sn over 50µ" (1,27 µm) Ni  
**Operating Temp Range:**  
-55°C to +105°C

**Voltage Rating:**  
400 VAC/565 VDC  
**RoHS Compliant:**

Yes  
**Lead-Free Solderable:**  
Yes

## RECOGNITIONS

For complete scope  
of recognitions see  
www.samtec.com/quality



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

| IPBT | 1 | NO. OF POSITIONS PER ROW                | LEAD STYLE                                          | PLATING OPTION       | ROW OPTION                                         | OPTION                                                                                                                                                                                                                                                   |
|------|---|-----------------------------------------|-----------------------------------------------------|----------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |   | 02, 03, 04, 05, 08, 10, 15<br>(-D only) | -H1<br>= Through-Hole<br><br>-H2<br>= Surface Mount | -T<br>= Matte<br>Tin | -S<br>= Single<br>Row<br><br>-D<br>= Double<br>Row | -RA<br>= Right Angle<br>(Lead Style<br>-H1 only)<br><br>-GP<br>= Guide<br>Post Holes<br>(8 positions<br>not available)<br><br>-K<br>= Keyed<br>Polarization<br>(not available<br>with -GP<br>option, is<br>required<br>callout if -GP<br>not called out) |
|      |   |                                         |                                                     |                      |                                                    |                                                                                                                                                                                                                                                          |
|      |   |                                         |                                                     |                      |                                                    |                                                                                                                                                                                                                                                          |