


POWERMATE®
(4.19 mm) .165"

IPBD-02-D-K

IPBD-05-S-K

IPBT-105-H2-T-D-K

CC69L-2024-01-T-SP

IPBD, CC69L, CC69R, IPBT SERIES

DISCRETE WIRE CABLE COMPONENTS

SPECIFICATIONS

Insulator Material (IPBD):
Black Liquid Crystal Polymer
Contact Material (CC69):
High Copper Alloy

TOOLING

- Hand tool (16-20 AWG):
CAT-HT-169-1620-13
- Hand tool (20-24 AWG):
CAT-HT-169-2024-13
- Mini Applicator
(16-20 AWG):
CAT-MA-169-1620-XX-01
- Mini Applicator
(20-24 AWG):
CAT-MA-169-2024 XX-01
- Extraction Tool:
CAT-EX-169-01

TYPE	POSITIONS PER ROW	ROW OPTION	K	TYPE	WIRE GAUGE	01	T	SP
IPBD = Body, Loose	-02, -03, -04, -05, -08, -10, -15 (Standard sizes)	-S = Single Row -D = Double Row	-K = Keyed Polarization	CC69L = Contact, Loose CC69R = Contact, Full Reel (4,000 Parts per Reel)	-2024 = 20 to 24 AWG -1620 = 16 to 20 AWG		-T = Tin	

Board Mates:

IPBS

Cable Mates:

PMMS, PMSS

SPECIFICATIONS

Insulator Material:
Black Liquid Crystal Polymer
Contact Material:
High Copper Alloy
Plating:
Sn over 50 μ" (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



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 (-D only) 02, 03, 04, 05, 08, 10 (-S only) (Standard sizes)	-H1 = Through-hole -H2 = Surface Mount	-T = Matte Tin	-S = Single Row -D = Double Row	-RA = Right-angle (Lead Style -H1 only) -GP = Guide Post Holes (8 positions not available) -K = Keyed Polarization (not available with -GP option, is required callout if -GP not called out)

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

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All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.