



(4,19 mm) .165"

IPBD, CC69 SERIES

IPBD-04-D

CC69L-2024-01-T-SP



DISCRETE WIRE CABLE COMPONENTS

Mates with:
IPBT

SPECIFICATIONS

For complete specifications
www.samtec.com?IPBD

Insulator Material:

Valox 457

Contact Material:

Phosphor Bronze

Plating:

Sn over 50µ" (1,27 µm) Ni

Operating Temp Range:

-35°C to +105°C (PVC)

-55°C to +125°C (*Teflon®)

Voltage Rating:

22 & 24 AWG = 300 VAC/424 VDC (PVC)

16, 18 & 20 AWG = 600 VAC/848 VDC (PVC)

24 AWG = 300 VAC/424 VDC (*Teflon®)

Wire: 16 to 24 AWG

RoHS Compliant: Yes

*DuPont™ Teflon® is a registered trademark of the E.I. du Pont de Nemours and Company or its affiliates.

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



TYPE	POSITIONS PER ROW	ROW OPTION
IPBD = Body, Loose	-02, -03, -04, -05	-S = Single Row -D = Double Row

TYPE	WIRE GAUGE	01	T	LEAD STYLE
CC69L = Contact, Loose CC69R = Contact, Full Reel (4,000 Parts per Reel)	-2024 = 20 to 24 AWG -1620 = 16 to 20 AWG		-T = Tin	-SP = Standard Power

Hand Tool (CAT-HT)

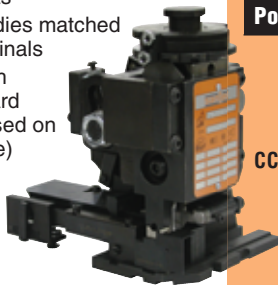
- Ideal for low volume, pre-production and repair applications
- Double-action handle
- Straight-motion die
- Modular head



Contact	AWG Range	Insulator Diameter Range	Hand Tool Part Number	Housing	Assembly
Power Mate® Hand Tools					
CC69	16-20	.097" (2,46 mm) - .126" (3,20 mm)	CAT-HT-169-1620-11	IPBD	PMSX/PMSXT
	20-24	.053" (1,35 mm) - .072" (1,83 mm)	CAT-HT-169-2024-11		

Mini Applicator (CAT-MA)

- Ideal for use in semi-automatic terminating units
- Quick-change dies matched to specific terminals
- Compatible with industry standard equipment (based on AMP base plate)



Contact	AWG Range	Insulator Diameter Range	Applicator Part No.	Stroke Per Feed	Housing	Assembly
Power Mate® Applicators						
CC69	16-20	.090" (2,29 mm) - .130" (3,30 mm)	CAT-MA-169-1620-TR-02	30 mm	IPBD	PMSX/PMSXT
			CAT-MA-169-1620-FR-02	40 mm		
			CAT-MA-169-1620-FS-02	40 mm		
	20-24	.035" (0,89 mm) - .070" (1,78 mm)	CAT-MA-169-2024-TR-01	30 mm		
			CAT-MA-169-2024-FR-01	40 mm		
			CAT-MA-169-2024-FS-01	40 mm		

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

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