



(2,54 mm) .100"

IPD1-10-D-K-M



IPL1-105-02-L-D-K



CC79L-2630-01-L



IPL1-110-02-L-S-K



IPD1, CC79, IPL1 SERIES

DISCRETE WIRE COMPONENTS & TOOLING

SPECIFICATIONS

For complete specifications see www.samtec.com?IPD1 or www.samtec.com?CC79

TOOLING

- Hand tool (20-24 AWG): CAT-HT-179-2024-11
- Hand tool (26-30 AWG): CAT-HT-179-2630-11
- Mini Applicator (20-24 AWG): CAT-MA-179-2024-XX-01
- Mini Applicator (26-30 AWG): CAT-MA-179-2630-XX-01

TYPE	POSITIONS PER ROW	ROW OPTION	K	LATCH OPTION
IPD1 = Body, Loose	-02, -03, -04, -05, -06, -08, -10, -12, -15, -16, -20, -25 (Standard sizes)	-S = Single Row -D = Double Row	-K = Keyed Polarization	-M = Metal Latch (Metal for more rugged environments) (-02, -05 & -10 positions only) (Leave blank for plastic latch)
-S	-D	-M		

Insulator Material:
Nylon 66

TYPE	WIRE GAUGE	01	PLATING OPTION
CC79L = Contact, Loose	-2630 = 26 to 30 AWG		-L = 10µ" (0,25 µm) Gold on contact, Tin on tail
CC79R = Contact, Full Reel (12,000 Parts per Reel)	-2024 = 20 to 24 AWG		
(1,57) .062 DIA (1,91) .075 (3,17) .125	(1,52) .060 (3,81) .150 (17,93) .706		Contact Material: Phosphor Bronze

Mates with:
MMSD, MMSS,
MMSDT, MMSST
(Does not mate with IPS1)

SPECIFICATIONS

For complete specifications www.samtec.com?IPL1

Insulator Material:
Natural LCP
Terminal Material:
Phosphor Bronze
Plating: Sn or Au over 50µ" (1,27 µm) Ni
Operating Temp Range:
-55°C to +125°C
Voltage Rating:
675 VAC/954 VDC
RoHS Compliant: Yes

Processing:
Lead-Free Solderable: Yes
-S & -D (-02 Lead Style)
SMT Lead Coplanarity:
(0,10 mm) .004" max (02-05)
(0,13 mm) .005" max (06-10)
(0,15 mm) .006" max (11-25)
-SH SMT Lead Coplanarity:
(0,15 mm) .006" max (02-25)

RECOGNITIONS

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



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

IPL1	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTION	K
		02, 03, 04, 05, 06, 08, 10, 12, 15, 16, 20, 25 (Standard sizes)	-01 = Through-hole -02 = Surface Mount	-L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail	-S = Single Row Vertical -SH = Single Row Horizontal (-02 lead style only) -D = Double Row Vertical	-RA = Right Angle (-01 lead style only)	-K = Keyed Polarization
-02-S	-02-D	-02-SH	-01	-02	-RA	-01-D	-01-S
(8,76) .345 (7,04) .277	(9,58) .377 (8,76) .345	(5,59) .220 (5,44) .214	(5,08) .200 (6,35) .250	(2,54) .100 (2,54) .100	(1,02) .040 (8,13) .320	(5,46) .215 (3,05) .120	(2,16) .085 (1,52) .060
SH = No. of positions x (2,54) .100 + (4,06) .160 -01, -02 & -RA = No. of positions x (2,54) .100 + (1,52) .060 (0,64) .025 SQ							

ALSO AVAILABLE
(MOQ Required)

- Other sizes
- With or without Plug Polarization
- Guide post holes
- Other platings
- Contact Samtec.

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

WWW.SAMTEC.COM

SAMTEC USA • Tel: +1-800-SAMTEC-9 or +1-812-944-6733 SAMTEC NORTHERN CALIFORNIA • Tel: +1-408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: +1-800-726-8329
 SAMTEC SOUTH AMERICA • Tel: +55 31 3786 3227 SAMTEC UNITED KINGDOM • Tel: +44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
 SAMTEC FRANCE • Tel: +33 1 60 95 06 60 SAMTEC ITALY • Tel: +39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46 8 4477280 SAMTEC BENELUX • Tel: +44 01236 739292
 SAMTEC ISRAEL • Tel: +972 3 7526600 SAMTEC INDIA • Tel: +91 80 3272 1612 SAMTEC ANZ • Tel: +613 9580 0683 SAMTEC SINGAPORE • Tel: +65 6745 5955 SAMTEC JAPAN • Tel: +81 45 475 1385
 SAMTEC SHANGHAI • Tel: +86 21 6083 3766 SAMTEC SHENZHEN • Tel: +86 755 83776780 SAMTEC TAIWAN • Tel: +886 2 2735 6109 SAMTEC HONG KONG • Tel: +852 26904658 SAMTEC KOREA • Tel: +82 31 717 5685