

DISCRETE WIRE HEADER/CABLE COMPONENTS

MAX

4.8
A m p s

(2.54 mm) .100" PITCH • A-IPL1, A-CC79 SERIES

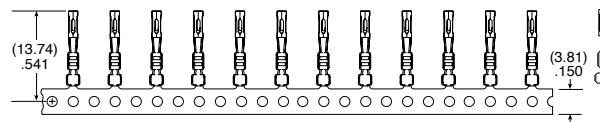
A-IPL1	1	PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	TAIL OPTION	K	TR
SPECIFICATIONS Insulator Material: Natural LCP Terminal Material: Phosphor Bronze Plating: Sn or Au over 50 μ " (1.27 μ m) Ni Operating Temp Range: -55 °C to +125 °C Voltage Rating: 675 VAC/954 VDC		02, 03, 04, 05, 06, 08, 10, 12, 15, 16, 20, 25 (Standard sizes)	-01 = Through-hole -02 = Surface Mount	-L = 10 μ " (0.25 μ m) Gold on contact, Matte Tin on tail	-S = Single Row -SH = Single Row Horizontal (-02 lead style only) -D = Double Row	-RA = Right-angle (-01 lead style only) -RE1 = Right-angle Elevated (-01 lead style only) (-K is a required callout)	-K = Keyed Polarization	-TR = Tape & Reel (-02 lead style only) Comes with Polyimide Pick & Place Pad
		 -02-S	 SINGLE ROW DOUBLE ROW	 -01-S	 -01-D	 -01-S-RE1		
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)* *(.004" stencil solution may be available; contact ipg@samtec.com) -SH SMT Lead Coplanarity: (0.15 mm) .006" max (02-25)* *(.004" stencil solution may be available; contact ipg@samtec.com)		 -02-D	 -02-SH	 -01	 -01-S-RA	 -01-D-RA	 -01-D-RE1	

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

SERIES	WIRE GAUGE	01	PLATING OPTION
A-CC79R = Contact, Full Reel (12,000 Parts per Reel)	-2630 = 26 to 30 AWG -2024 = 20 to 24 AWG		-L = 10 μ " (0.25 μ m) Gold on contact, Tin on tail



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TOOLING

Hand Tool: CAT-HT-179-2030-13 (20-30 AWG)

Mini Applicator: CAT-MC-179-2024-XX-01 (20-24 AWG)

Mini Applicator: CAT-MC-179-2630 XX-01 (26-30 AWG)

Extraction Tool: CAT-EX-179-01

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