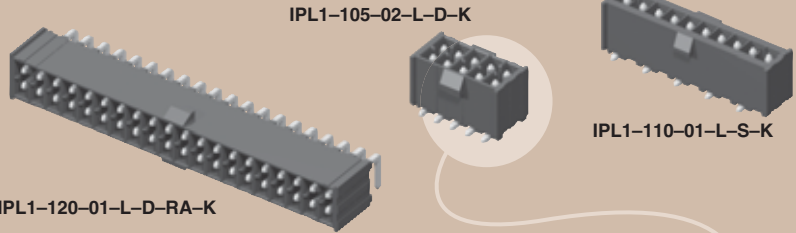




(2,54mm) .100"

IPL1 SERIES



SHROUDED POWER CABLE HEADER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?IPL1

Insulator Material: Black LCP



Terminal Material: Phosphor Bronze

Plating: Sn or Au over 50µ" (1,27µm) Ni

Operating Temp Range: -55°C to +125°C

Voltage Rating: 675 VAC

RoHS Compliant: Yes

Processing:

Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x

Lead-Free Solderable: Yes

-S & -D

SMT Lead Coplanarity: (0,10mm) .004" max (02-05)

(0,13mm) .005" max (06-10)

(0,15mm) .006" max (11-25)

-DH

SMT Lead Coplanarity: (0,254mm) .010" max

Mates with: MMSS, MMSS, SCR2 (Does not mate with IPS1)

Mates with discrete wire cable assemblies (IPD1 & MMSS Series)

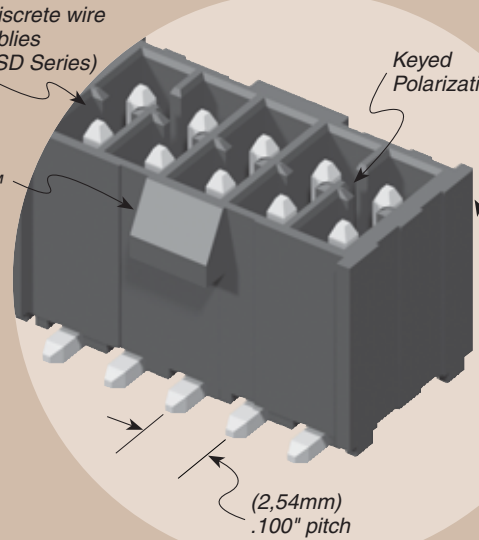
Align & Latch™

Keyed Polarization

Surface Mount, Right Angle and Vertical Through-hole

| CURRENT RATING | | |
|----------------|-----------------|-----------|
| AMBIENT TEMP | SCP2/SCR2/ IPL1 | MMSS/IPL1 |
| 20°C | 5A | 7.4A |
| 40°C | 4.2A | 6.5A |
| 60°C | 3.5A | 5.9A |
| 75°C | 2.8A | N/A |
| 95°C | N/A | 3.8A |

6 POSITIONS (2x3) 20 AWG POWERED



(2,54mm) .100" pitch



APPLICATION SPECIFIC OPTIONS

With or without Plug Polarization. Call Samtec.

| IPL1 | 1 | NO. PINS PER ROW | LEAD STYLE | PLATING OPTION | ROW OPTION | OPTION | K |
|------|---|---|---|---|--|---|-------------------------|
| | | 02, 05, 10, 15, 16, 20, 25 (Call Samtec for other sizes) | -01 = Through-hole -02 = Surface Mount | -L = 10µ" (0,25µm) Gold on contact, Matte Tin on tail | -S = Single Row Vertical -SH = Single Row Horizontal -D = Double Row Vertical -DH = Double Row Horizontal | -RA = Right Angle (-01 lead style only) | -K = Keyed Polarization |

Note: Other Gold plating options available. Contact Samtec.

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

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

WWW.SAMTEC.COM