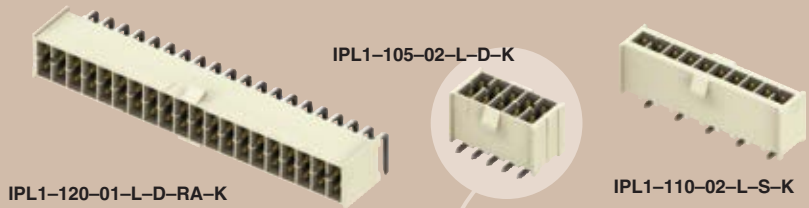




(2,54 mm) .100"

IPL1 SERIES



SHROUDED POWER CABLE HEADER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see 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)

Mates with: MMSD, MMSS, IPD1 (Does not mate with IPS1)

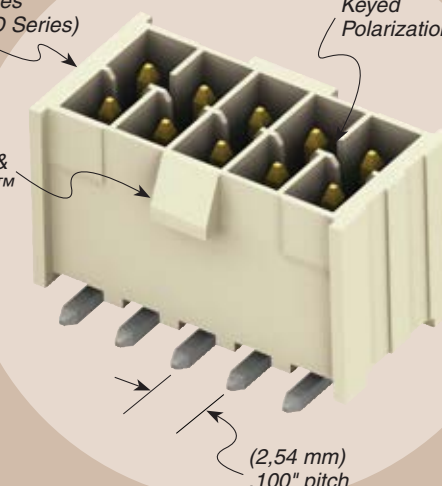
Mates with discrete wire cable assemblies (IPD1 & MMSD Series)

Keyed Polarization

Surface Mount, Right Angle and Vertical Through-hole

Align & Latch™

CURRENT RATING (PER CONTACT)	
AMBIENT TEMP	MMSD/IPL1
20°C	7.4A
40°C	6.5A
60°C	5.9A
95°C	3.8A
6 POSITIONS (2x3) 20 AWG POWERED	



(2,54 mm) .100" pitch

• Individually shrouded pins
• Align & Latch™ System

APPLICATION SPECIFIC OPTIONS

- With or without Plug Polarization.
 - Guide post holes
- Call Samtec.

IPL1 - **1** NO. PINS PER ROW - **LEAD STYLE** - **PLATING OPTION** - **ROW OPTION** - **OPTION** - **K**

02, 04, 05, 06, 08, 10, 15, 16, 20, 25
(Call Samtec for other sizes)

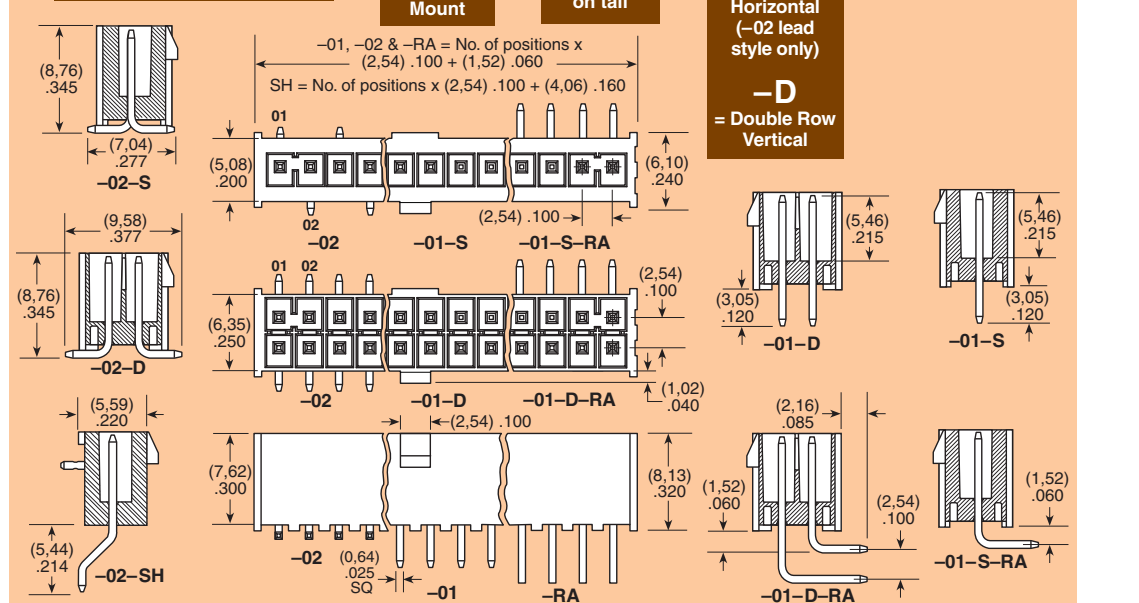
-01 = Through-hole
-02 = Surface Mount

-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



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