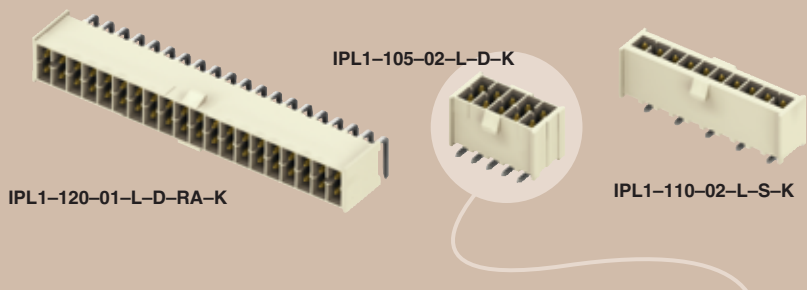




(2,54 mm) .100"

IPL1 SERIES



IPL1-105-02-L-D-K

IPL1-120-01-L-D-RA-K

IPL1-110-02-L-S-K

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)

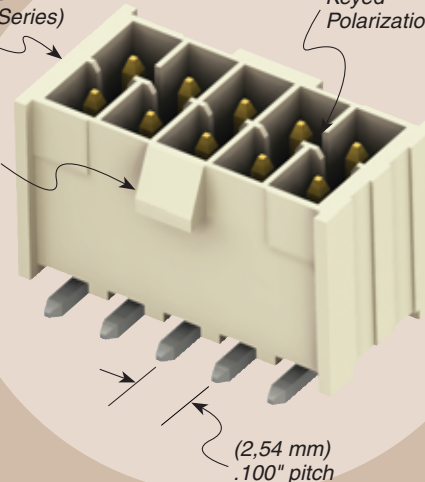
Mates with discrete wire
cable assemblies
(IPD1 & MMSS Series)

Keyed
Polarization

Surface Mount,
Right Angle and
Vertical Through-hole

Align &
Latch™

CURRENT RATING (PER CONTACT)	
AMBIENT TEMP	MMSS/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, 03, 04, 05, 06, 08,
10, 12, 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

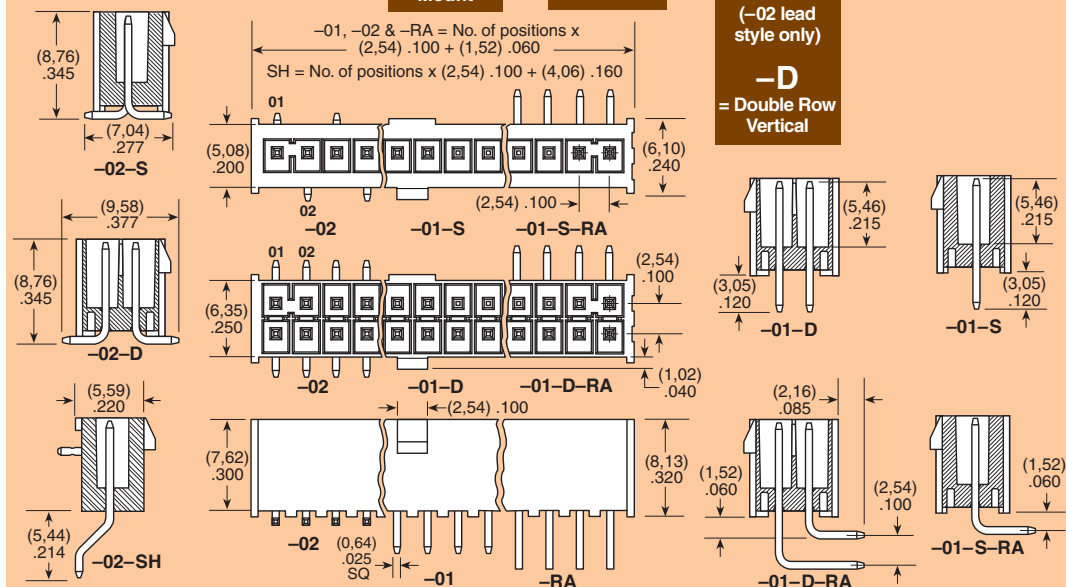
-S
= Single Row Vertical

-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.

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