

samtec



IPL1-120-01-S-D-RA-K

IPL1-105-02-S-D-K

IPL1-110-01-S-S-K

MINI MATE® HEADER IPL1 SERIES

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:

(0,15mm) .006" max

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

CURRENT RATING		
AMBIENT TEMP	MMSS/IPL1	MMSD/IPL1
20°C	6.8A	7.4A
40°C	6.0A	6.5A
60°C	5.3A	5.3A
95°C	3.6A	5.4A
MMSS 6 POSITIONS IN LINE POWERED		
MMSD 20 POSITIONS 20 AWG POWERED		

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

Align & Latch™

Keyed Polarization

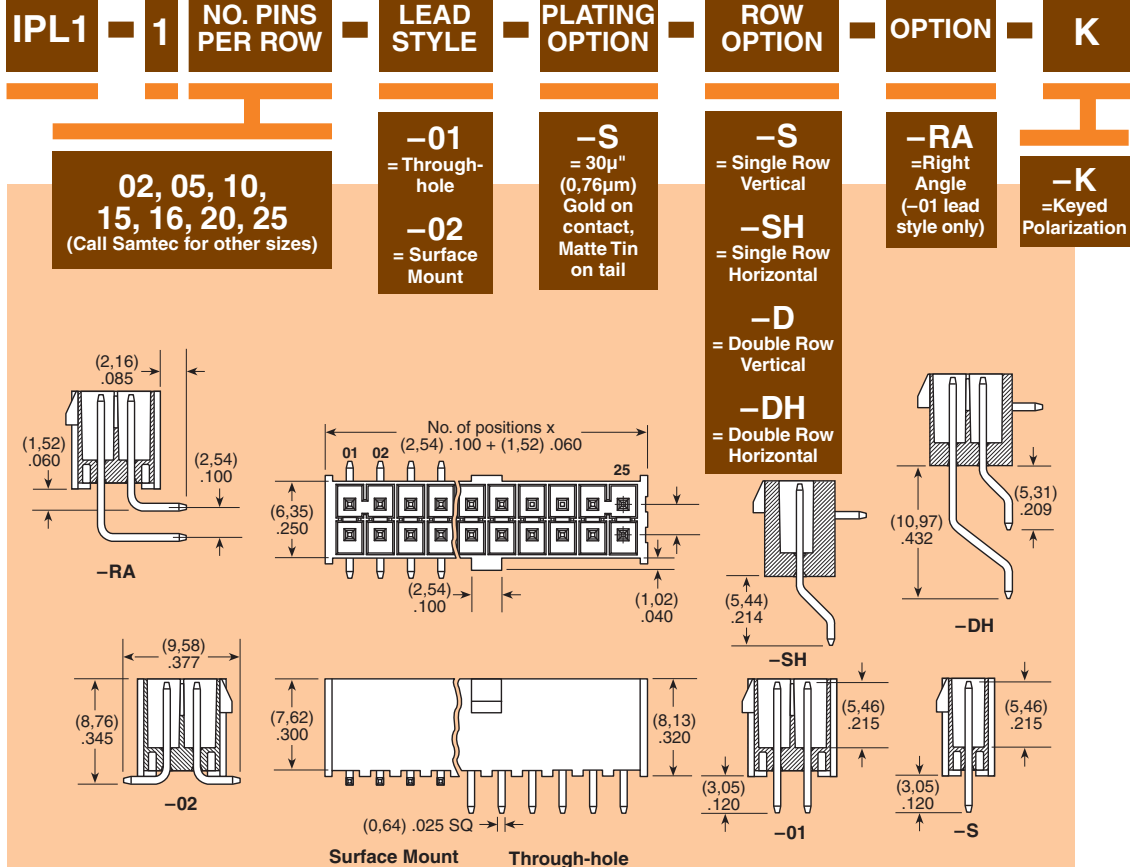
Surface Mount, Right Angle and Vertical Through-hole

(2,54mm) .100" pitch



APPLICATION SPECIFIC OPTIONS

With or without Plug Polarization (omit pin 1). Call 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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