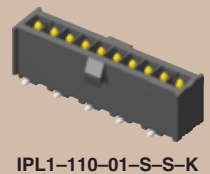
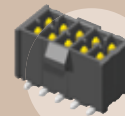


IPL1-105-02-S-D-K



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	5.8A
40°C	6.0A	5.2A
60°C	5.3A	4.5A
95°C	3.6A	3.0A

MMSS 6 POSITIONS IN LINE POWERED
MMSD 2x3 CLUSTER POWERED

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

Align & Latch™

Keyed Polarization

Surface Mount, Right Angle and Vertical Through-hole



APPLICATION SPECIFIC OPTIONS

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

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

02, 05, 10, 15, 16, 20, 25
(-D & -DH only)

02, 05, 10
(-S only)

(Call Samtec for other sizes)

-01
= Through-hole

-02
= Surface Mount

-S
= 30µ" (0,76µm) Gold on contact, Matte Tin on tail

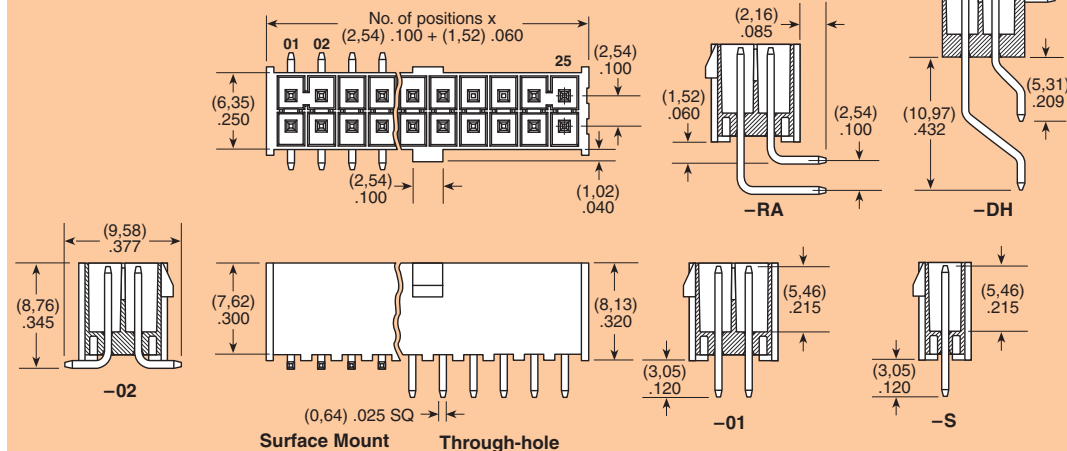
-S
= Single Row Vertical
-D
= Double Row Vertical

-DH
= Double Row Horizontal

-RA
= Right Angle (-01 lead style only)

-K
= Keyed Polarization

-DH OPTION PRELIMINARY



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

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 • Fax: 812-948-5047
SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0 • Fax: +49 (0) 89 / 89460-299
SAMTEC NORDIC/BALTIC • Tel: +46-84477280 • Fax: +46-87420413
SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 • Fax: 65 6841-1502
SAMTEC HONG KONG • Tel: 852-26904858 • Fax: 852-26904842
SAMTEC JAPAN • Tel: 045-475-1385 • Fax: 045-475-1340
SAMTEC KOREA • Tel: 82-31-717-5685 • Fax: 82-31-717-5681
SAMTEC SILICON VALLEY • Tel: 408-395-5900 • Fax: 408-395-1520
SAMTEC FRANCE • Tel: 01 60 95 06 60 • Fax: 01 60 95 06 61
SAMTEC ISRAEL • Tel: 972-3-7526600 • Fax: 972-3-7526690
SAMTEC CHINA • Tel: 86-21-61103766 • Fax: 86-21-5423 4575
SAMTEC SOUTH AFRICA • Tel: 27 11 452 8112 • Fax: 27 86 6714432
SAMTEC UK • Tel: 01236 739292 • Fax: 01236 727113
SAMTEC ITALY • Tel: 39 039 6890337 • Fax: 39 039 6890315
SAMTEC INDIA • Tel: +91-80-3272 1612 • Fax: +91-80-4152 8187
SAMTEC TAIWAN • Tel: 886-2-2735-6109 • Fax: 886-2-2735-5036
SAMTEC ANZ • Tel: 613 9512 7747 • Fax: 613 9512 7745