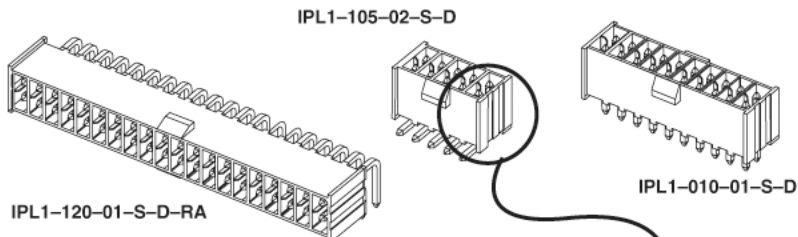


samtec



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 mated with IPD1

RoHS Compliant:

Yes

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10mm) .004" max (02-05)

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

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

Mates with:

MMSD, MMSS, SCR2

(Does not mate with IPS1)

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

Align & Latch™

ALIGN & LATCH™

Surface Mount, Right Angle and Vertical Through-Hole

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

APPLICATION SPECIFIC OPTIONS

Polarized.
Call Samtec.

IPL1

1

NO. PINS PER ROW

LEAD STYLE

PLATING OPTION

ROW OPTION

OPTION

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

02, 05, 10
(-S only)

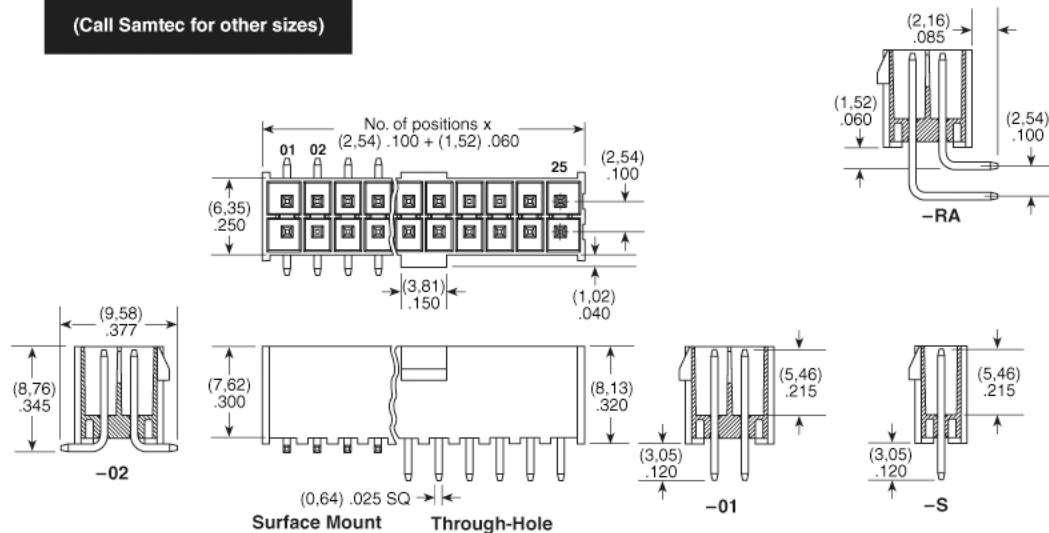
(Call Samtec for other sizes)

-01
= Through-Hole
-02
= Surface Mount

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

-S
= Single Row
-D
= Double Row

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



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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