

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)

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

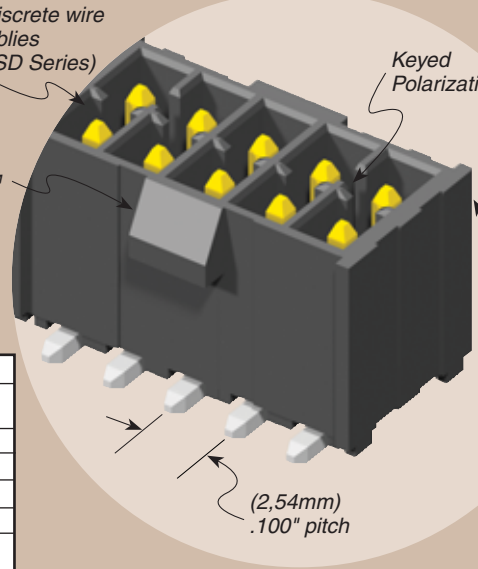
Align & Latch™

Keyed Polarization

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



(2,54mm) .100" pitch



APPLICATION SPECIFIC OPTIONS

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



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

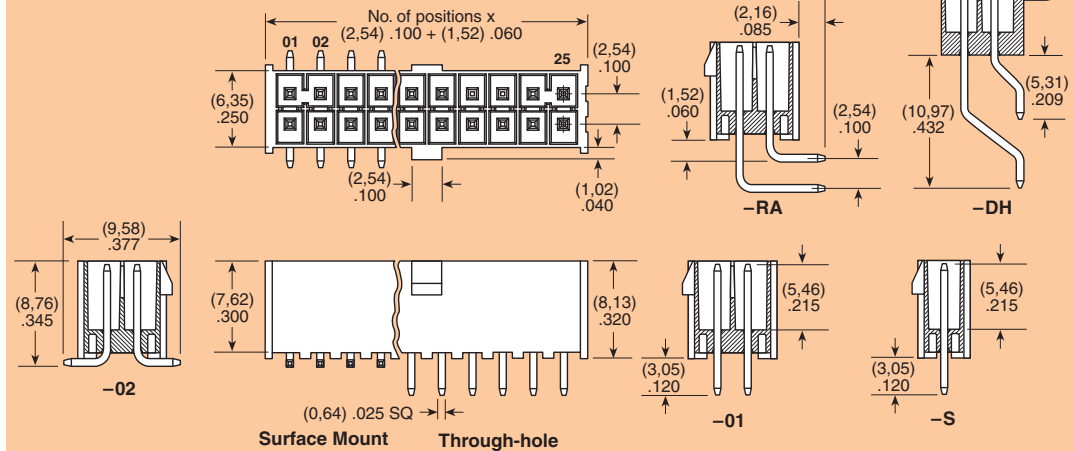
-S
 = 30µ" (0,76µm) Gold on contact, Matte Tin on tail

-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