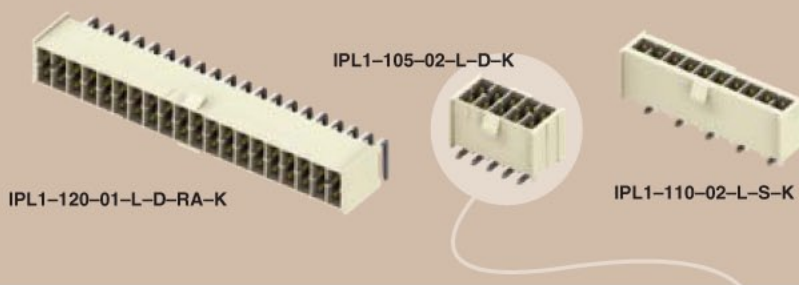


samtec



(2,54mm) .100"

IPL1 SERIES



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" (1,27µm) 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

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:

(0,254mm) .010" max

Mates with:
MMSD, MMSS,
IPD1, SCR2
(Does not mate with IPS1)

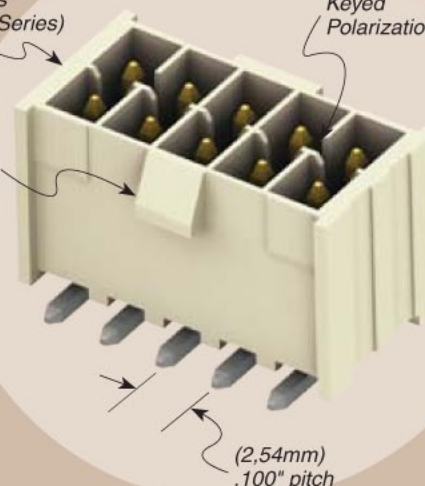
Mates with discrete wire
cable assemblies
(IPD1 & MMSS Series)

Keyed
Polarization

Surface Mount,
Right Angle and
Vertical Through-hole

Align &
Latch™

CURRENT RATING		
AMBIENT TEMP	SCP2/SCR2/IPL1	MMSD/IPL1
20°C	5A	7.4A
40°C	4.2A	6.5A
60°C	3.5A	5.9A
75°C	2.8A	N/A
95°C	N/A	3.8A
6 POSITIONS (2x3) 20 AWG POWERED		

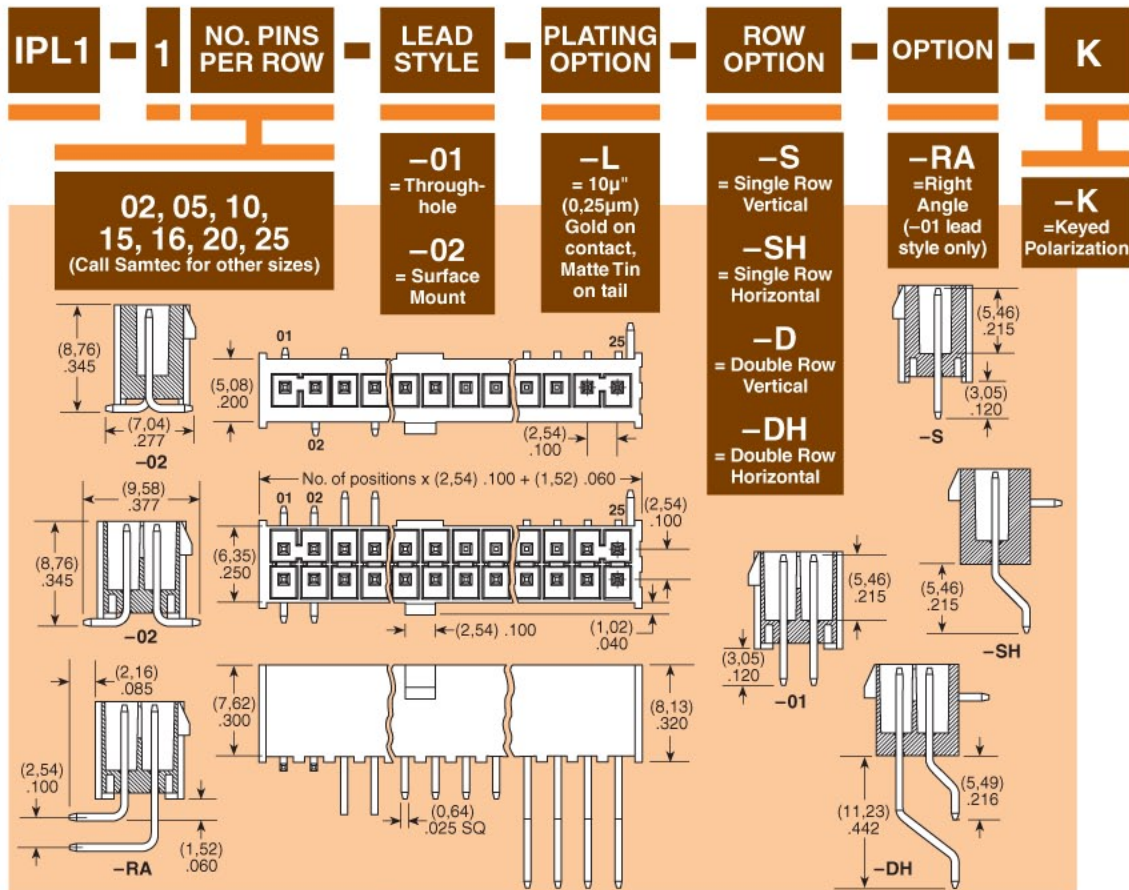


(2,54mm)
.100" pitch



APPLICATION SPECIFIC OPTIONS

- With or without Plug Polarization.
 - Guide post holes
- Call Samtec.



Due to technical progress, all designs, specifications and components are subject to change without notice.

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