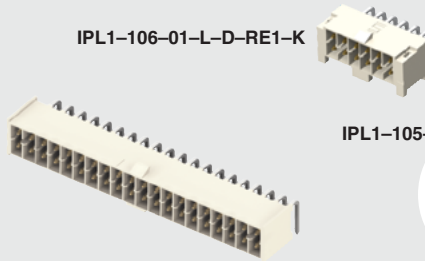


IPL1-120-01-L-D-RA-K



IPL1-105-02-L-D-K-TR

IPL1-110-02-L-S-K-TR



(2.54 mm) .100"

IPL1 SERIES

DISCRETE WIRE HEADER

SPECIFICATIONS

For complete specifications
www.samtec.com?IPL1

Insulator Material:

Natural LCP

Terminal Material:

Phosphor Bronze

Plating:

Sn or Au over

50 μm (1.27 μm) 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 (-02 Lead Style)

SMT Lead Coplanarity:

(0.10 mm) .004" max (02-05)

(0.13 mm) .005" max (06-10)*

(0.15 mm) .006" max (11-25)*

*(.004" stencil solution

may be available; contact

IPG@samtec.com)

-SH SMT Lead Coplanarity:

(0.15 mm) .006" max (02-25)*

*(.004" stencil solution

may be available; contact

IPG@samtec.com)

RECOGNITIONS

For complete scope of
recognitions see
www.samtec.com/quality



FILE NO. E111594

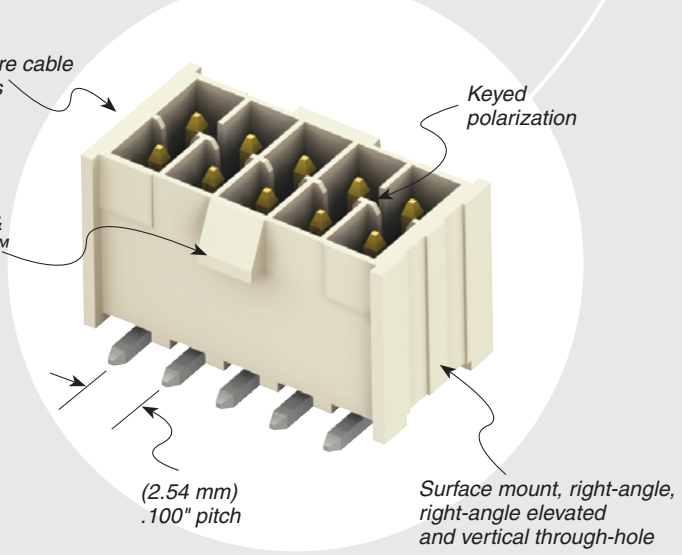
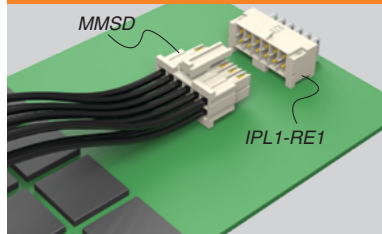
Mates with:
MMSD, MMSS,
MMSDT, MMSST

Mates with
discrete wire cable
assemblies

Keyed
polarization

Align &
Latch™

-RE1 APPLICATION



(2.54 mm)
.100" pitch

Surface mount, right-angle,
right-angle elevated
and vertical through-hole



02, 03, 04, 05, 06, 08, 10, 12, 15, 16, 20, 25
(Standard sizes)

-01
= Through-hole

-02
= Surface Mount

-L
= 10 μm
(0.25 μm)
Gold on contact,
Matte Tin
on tail

-S
= Single Row

-SH
= Single Row
Horizontal
(-02 lead
style only)

-D
= Double Row

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

-RE1
= Right-angle
Elevated
(-01 lead
style only)
(-K is a
required
callout)

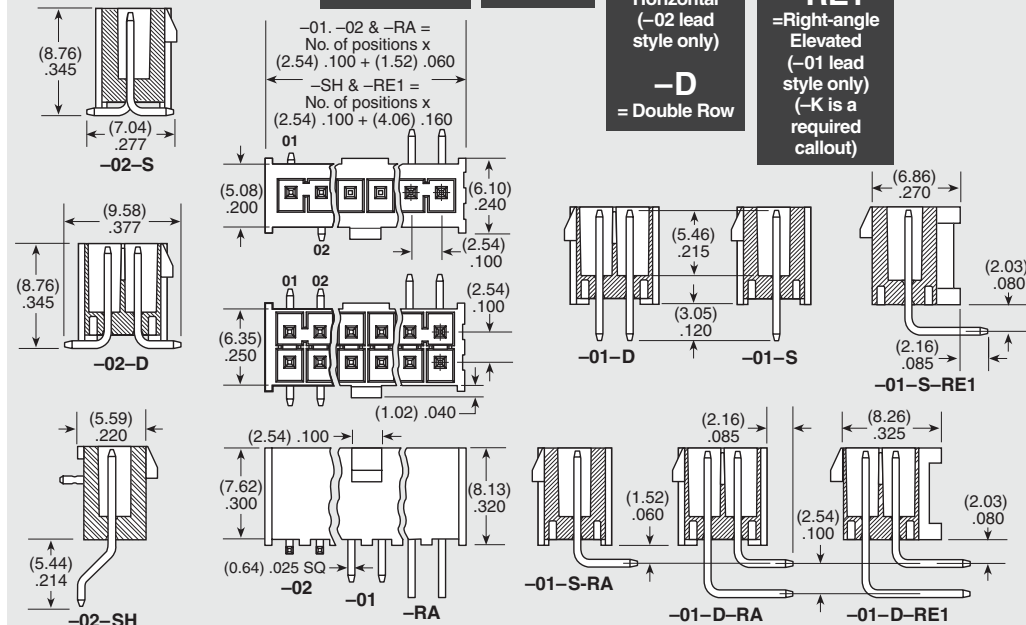
-K
= Keyed
Polarization

-TR
= Tape &
Reel
(-02 lead
style only)
Comes
with
Polyimide
Pick &
Place Pad

ALSO AVAILABLE (MOQ Required)

- Other sizes
- With or without plug polarization
- Guide post holes
- Other platings
- Weld tab

Note:
Some lengths, 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

All parts within this catalog are built to Samtec's specifications.
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.