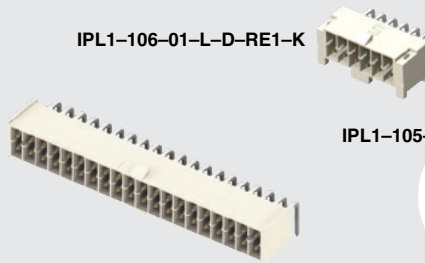


IPL1-120-01-L-D-RA-K



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 μ" (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

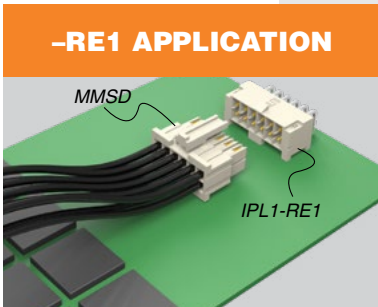
Mates with
discrete wire cable
assemblies

Keyed
polarization

Align &
Latch™

(2.54 mm)
.100" pitch

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



-RE1 APPLICATION

IPL1	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	TAIL OPTION	K	OPTION
02, 03, 04, 05, 06, 08, 10, 12, 15, 16, 20, 25 (Standard sizes)	-01 = Through-hole -02 = Surface Mount	-L = 10 μ" (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 -FR = Full Reel Tape & Reel Packaging (-02 lead style only) (Must order maximum quantities per reel. Contact Samtec for parts per reel)		

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

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