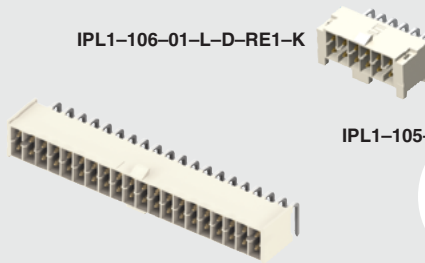


IPL1-120-01-L-D-RA-K



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

IPL1 SERIES

(2.54 mm) .100"

# 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

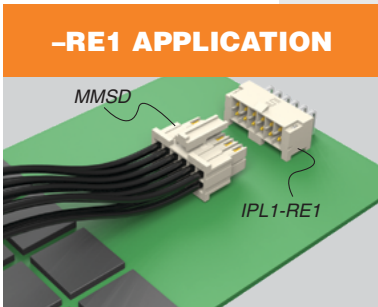
Mates with  
discrete wire cable  
assemblies

Keyed  
polarization

Align &  
Latch™

(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 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](http://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.

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