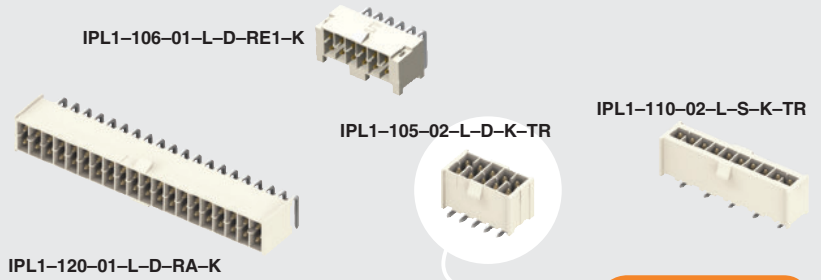


(2.54 mm) .100"



IPL1 SERIES

# DISCRETE WIRE HEADER

## SPECIFICATIONS

For complete specifications [www.samtec.com?IPL1](http://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](http://www.samtec.com/quality)



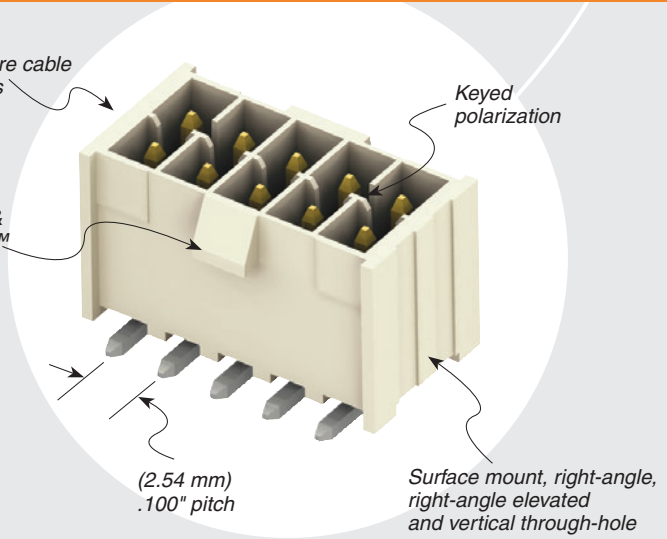
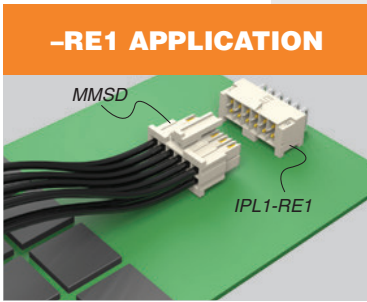
FILE NO. E111594

**Mates with:**  
MMSD, MMSS,  
MMSDT, MMSST

Mates with discrete wire cable assemblies

Align & Latch™

Keyed polarization



(2.54 mm)  
.100" pitch

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

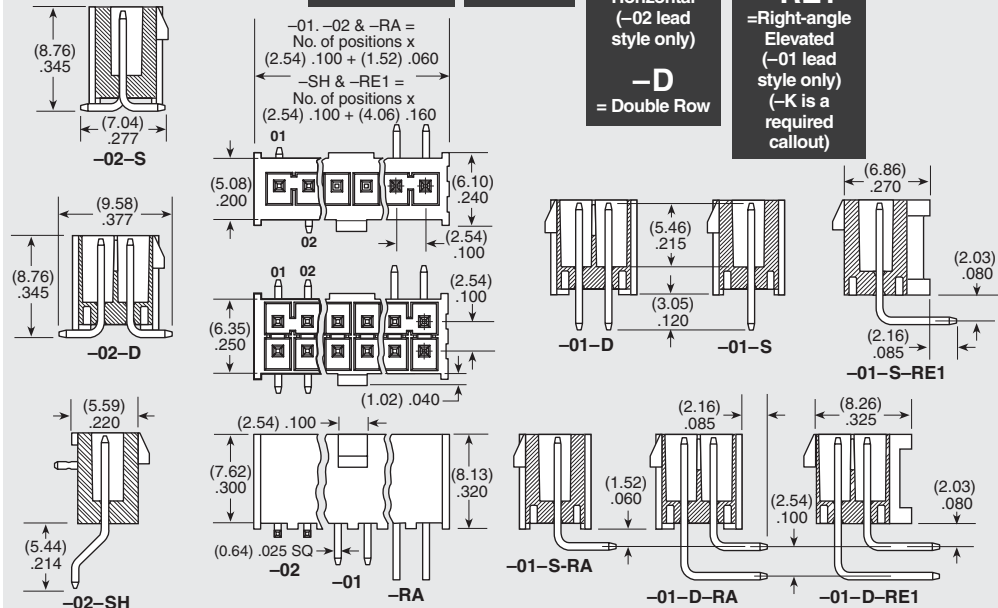
IPL1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	TAIL OPTION	K	OPTION
------	------------------	------------	----------------	------------	-------------	---	--------

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.