



(2.54 mm) .100"

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

IPL1-106-01-L-D-RE1-K

IPL1-105-02-L-D-K

IPL1-110-02-L-S-K

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)

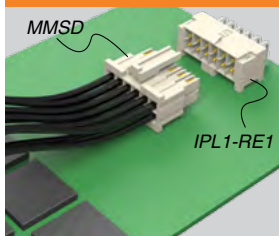
**-SH SMT Lead Coplanarity:**  
(0.15 mm) .006" max (02-25)

## RECOGNITIONS

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



## -RE1 APPLICATION



## ALSO AVAILABLE (MOQ Required)

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

**Note:** Some lengths, styles and options are non-standard, non-returnable.

**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

