



(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  $\mu$ " (1.27  $\mu$ m) 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

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

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

