

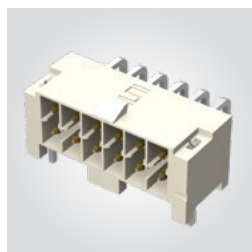
**(2.54 mm) .100" PITCH • DISCRETE WIRE TERMINAL**

IPL1	1	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)	<b>-01</b> = Through-hole  <b>-02</b> = Surface Mount	<b>-L</b> = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail	<b>-S</b> = Single Row  <b>-SH</b> = Single Row Horizontal (-02 lead style only)  <b>-D</b> = Double Row	<b>-RA</b> = Right-angle (-01 lead style only)  <b>-RE1</b> = Right-angle Elevated (-01 lead style only) (-K is a required callout)	<b>-K</b> = Keyed Polarization	<b>-TR</b> = Tape & Reel (-02 lead style only) Comes with Polyimide Pick & Place Pad  <b>-FR</b> = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (-02 lead style only) Comes with Polyimide Pick & Place Pad

**IPL1**

**Cable Mates:**

MMSD, MMSS,  
MMSDT, MMSST



MMSD/IPL1	
WIRE GAUGE	CURRENT RATING (PER PIN)
20	4.8 A
22	4.3 A
24	3.9 A
26	3.5 A
28	2.6 A
30	2.1 A
2 PINS POWERED	

**SPECIFICATIONS**

**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

**miniMATE®**

**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)\*

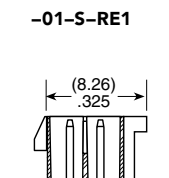
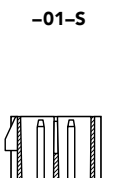
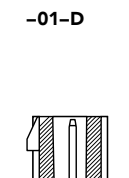
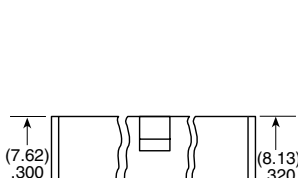
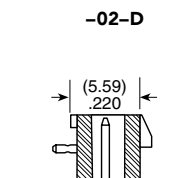
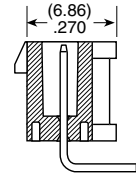
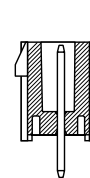
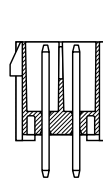
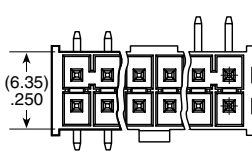
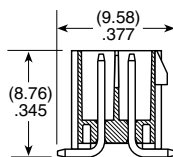
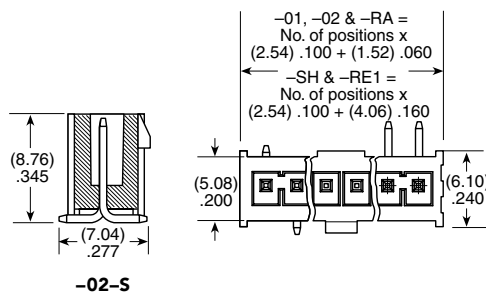
(0.15 mm) .006" max (11-25)\*

\*(.004" stencil solution may be available)

**-SH SMT Lead Coplanarity:**

(0.15 mm) .006" max (02-25)\*

\*(.004" stencil solution may be available)



-02-SH

-02

-01

-RA

-01-S-RA

-01-D-RA

-01-D-RE1

**Note:**

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