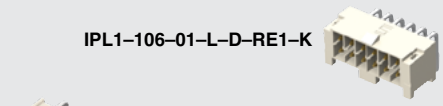
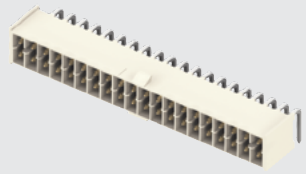
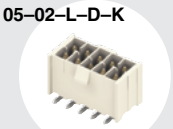
samtec

mini MATE®

(2.54 mm) .100"







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

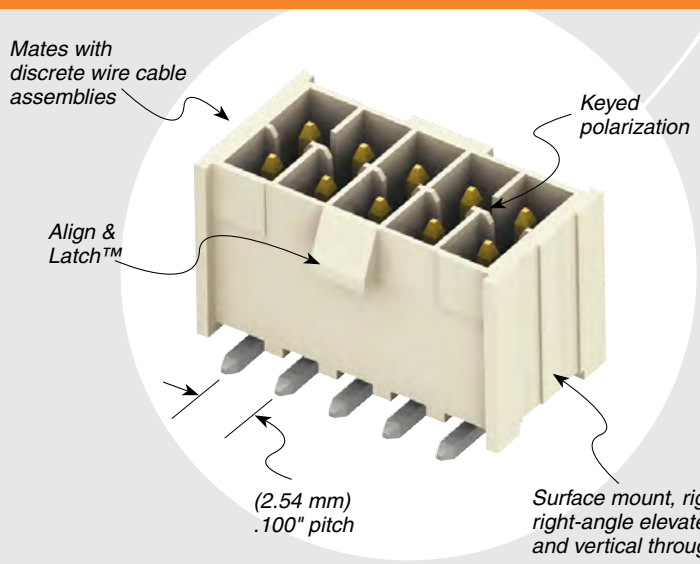
Lead–Free Solderable:
Yes
–S & –D (–02 Lead Style)
SMT Lead Coplanarity:
(0.10 mm) .004" max (02-05)
(0.13 mm) .005" max (06-10)
(0.15 mm) .006" max (11-25)
–SH SMT Lead Coplanarity:
(0.15 mm) .006" max (02-25)

RECOGNITIONS

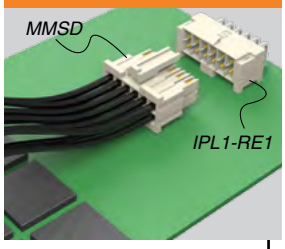
For complete scope of recognitions see
www.samtec.com/quality

FILE NO. E111594

Mates with:
MMSD, MMSS,
MMSDT, MMSST



–RE1 APPLICATION



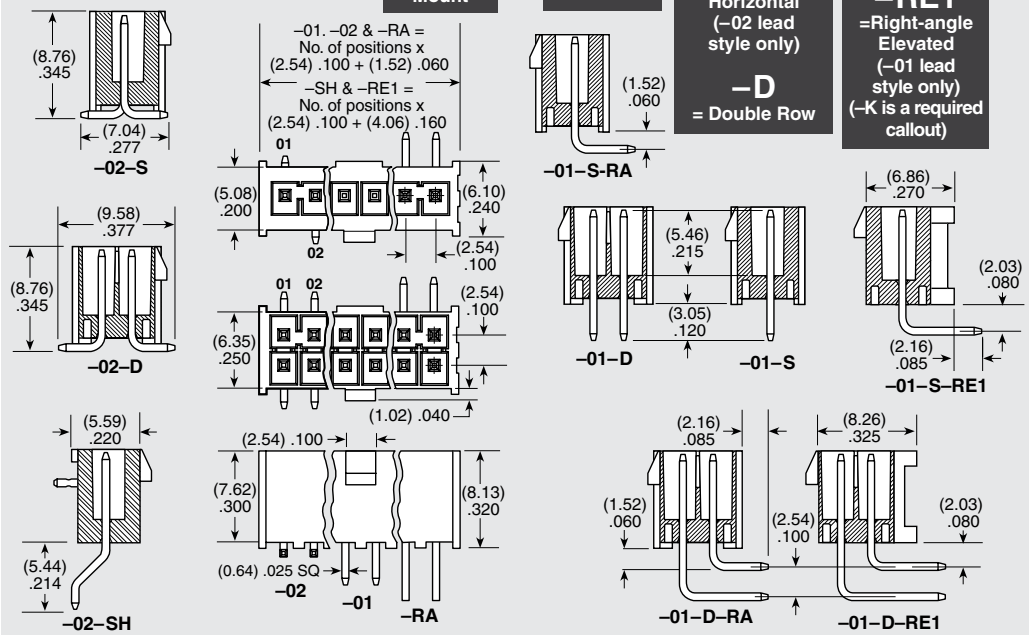
ALSO AVAILABLE
(MOQ Required)

- 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.

IPL1	–	1	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION	–	ROW OPTION	–	TAIL OPTION	–	K
			02, 03, 04, 05, 06, 08, 10, 12, 15, 16, 20, 25 (Standard sizes)		–01 = Through-hole –02 = Surface Mount		–L = 10 µ" (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



Due to technical progress, all designs, specifications and components are subject to change without notice.