

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)	-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 -FR = 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

SPECIFICATIONS

Insulator Material:

Natural LCP

Terminal Material:

Phosphor Bronze

Plating:

Sn or Au over

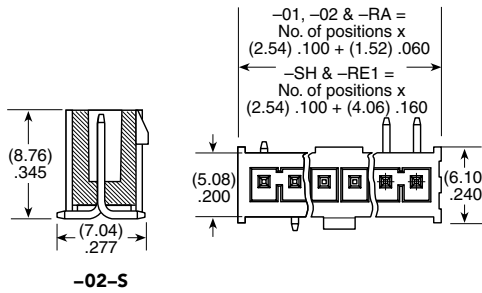
50 μm (1.27 μm) Ni

Operating Temp Range:

-55 °C to +125 °C

Voltage Rating:

675 VAC/954 VDC



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

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)

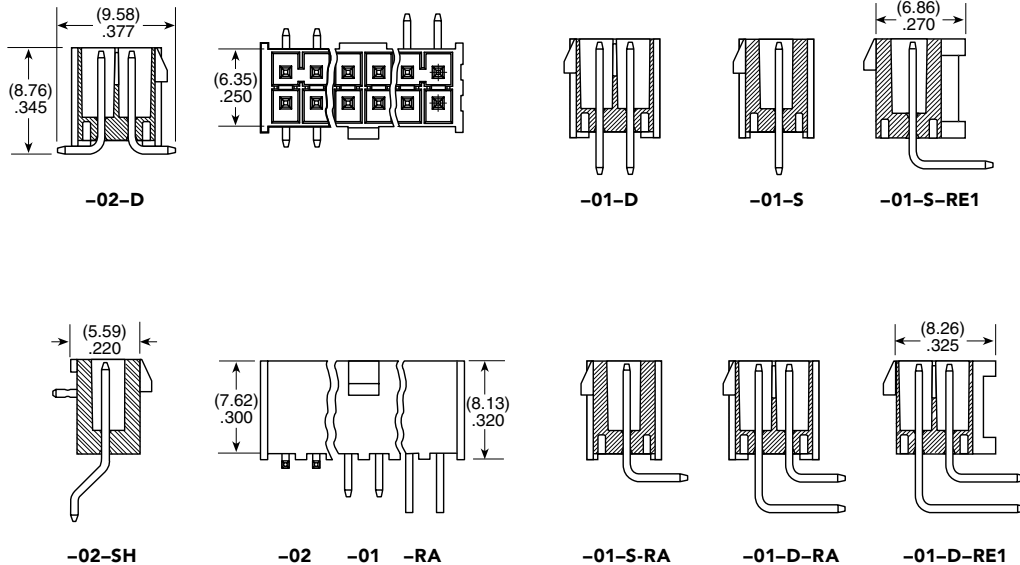
-SH SMT Lead Coplanarity:

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

*(.004" stencil solution

may be available; contact

ipg@samtec.com)



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.

View complete specifications at: samtec.com?IPL1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[IPL1-06-01-L-D](#) [IPL1-104-01-L-S-K-TR](#) [IPL1-104-02-F-D-P](#) [IPL1-109-01-F-D-P](#) [IPL1-111-01-F-D-P](#) [IPL1-112-02-F-D-P](#) [IPL1-114-01-F-D-P](#) [IPL1-125-02-F-D-P](#) [IPL1-121-01-H-D-P](#) [IPL1-122-02-F-D-P](#) [IPL1-114-01-H-D-P](#) [IPL1-116-02-F-D-P](#) [IPL1-118-01-F-D-P](#) [IPL1-118-02-F-D-P](#) [IPL1-119-01-F-D-P](#) [IPL1-102-02-F-D-P](#) [IPL1-103-02-SM-D-P](#) [IPL1-105-02-SM-D-P](#) [IPL1-117-01-L-D-P](#) [IPL1-121-02-L-D-P](#) [IPL1-112-01-H-D-P](#) [IPL1-113-01-L-D-P](#) [IPL1-115-02-LM-D-P](#) [IPL1-125-01-H-D-P](#) [IPL1-115-02-SM-D-P](#) [IPL1-104-01-H-D-P](#) [IPL1-104-02-H-D-P](#) [IPL1-107-02-H-D-P](#) [IPL1-108-02-FM-D-P](#) [IPL1-108-02-H-D-P](#) [IPL1-108-02-SM-D-P](#) [IPL1-115-01-H-D-P](#) [IPL1-116-01-L-D-P](#) [IPL1-117-01-S-D-P](#) [IPL1-121-02-S-D-P](#) [IPL1-102-01-LM-D-P](#) [IPL1-107-01-F-D-P](#) [IPL1-110-02-H-D-P](#) [IPL1-112-01-L-D-P](#) [IPL1-113-02-F-D-P](#) [IPL1-113-02-S-D-P](#) [IPL1-115-02-F-D-P](#) [IPL1-109-01-SM-D-P](#) [IPL1-116-02-S-D-P](#) [IPL1-104-02-LM-D-P](#) [IPL1-114-02-L-D-P](#) [IPL1-114-02-S-D-P](#) [IPL1-104-02-S-D-P](#) [IPL1-106-02-LM-D-P](#) [IPL1-106-02-SM-D-P](#) [IPL1-112-02-S-D-P](#) [IPL1-113-01-F-D-P](#) [IPL1-113-01-S-D-P](#) [IPL1-113-01-SM-D-P](#) [IPL1-114-01-L-D-P](#) [IPL1-114-02-F-D-P](#) [IPL1-104-01-LM-D-P](#) [IPL1-106-02-S-D-P](#) [IPL1-107-02-FM-D-P](#) [IPL1-109-01-S-D-P](#) [IPL1-110-01-SM-D-P](#) [IPL1-111-01-F-D-RA-P](#) [IPL1-103-01-H-D-RA-P](#) [IPL1-103-01-S-D-RA-P](#) [IPL1-104-01-LM-D-RA-P](#) [IPL1-104-01-S-D-RA-P](#) [IPL1-111-01-S-D-RA-P](#) [IPL1-124-01-L-D-RA-P](#) [IPL1-125-01-H-D-RA-P](#) [IPL1-114-01-S-D-RA-P](#) [IPL1-115-02-F-D-P-TR](#) [IPL1-118-01-L-D-RA-P](#) [IPL1-119-01-F-D-RA-P](#) [IPL1-120-01-SM-D-RA-P](#) [IPL1-124-01-F-D-RA-P](#) [IPL1-110-02-S-D-P-TR](#) [IPL1-102-02-S-D-P-TR](#) [IPL1-108-01-F-D-RA-P](#) [IPL1-108-02-L-D-P-TR](#) [IPL1-113-01-F-D-RA-P](#) [IPL1-114-01-F-D-RA-P](#) [IPL1-120-01-H-D-RA-P](#) [IPL1-122-01-S-D-RA-P](#) [IPL1-117-01-L-D-RA-P](#) [IPL1-105-02-L-D-P-TR](#) [IPL1-105-02-S-D-P-TR](#) [IPL1-102-01-SM-D-RA-P](#) [IPL1-109-01-S-D-RA-P](#) [IPL1-115-01-H-D-RA-P](#) [IPL1-120-01-F-D-RA-P](#) [IPL1-112-01-L-D-RA-P](#) [IPL1-112-01-S-D-RA-P](#) [IPL1-115-01-F-D-RA-P](#) [IPL1-115-01-SM-D-RA-P](#) [IPL1-116-01-H-D-RA-P](#) [IPL1-116-01-L-D-RA-P](#) [IPL1-120-01-S-D-RA-P](#) [IPL1-104-01-L-D-RA-P](#) [IPL1-110-01-H-D-RA-P](#) [IPL1-111-01-L-D-RA-P](#)