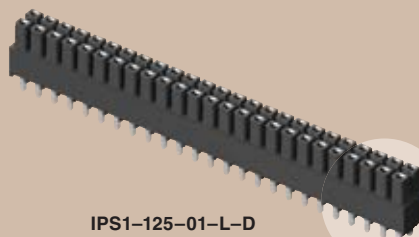


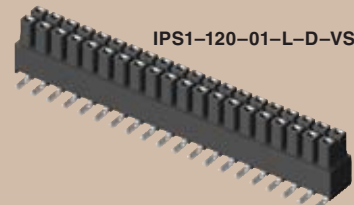


(2,54 mm) .100"

IPS1 SERIES



IPS1-125-01-L-D



IPS1-120-01-L-D-VS

SHROUDED POWER CONNECTOR SET

SPECIFICATIONS

For complete specifications see www.samtec.com?IPS1

Insulator Material:

Black LCP

Contact Material:

Phosphor Bronze

Plating:

Sn or Au over

50µ" (1,27 µm) Ni

Operating Temp Range:

-55°C to +105°C with Tin;

-55°C to +125°C with Gold

Insertion Depth:

(3,81 mm) .150" to

(6,48 mm) .255"

Wiping Distance:

(0,38 mm) .015"

Insertion Force (SMT):

3.0 oz (0,83 N) avg.

Withdrawal Force (SMT):

2.6 oz (0,72 N) avg.

Insertion Force (T/H):

6.0 oz (1,67 N) avg.

Withdrawal Force (T/H):

5.0 oz (1,39 N) avg.

Voltage Rating:

550 VAC/777 VDC

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

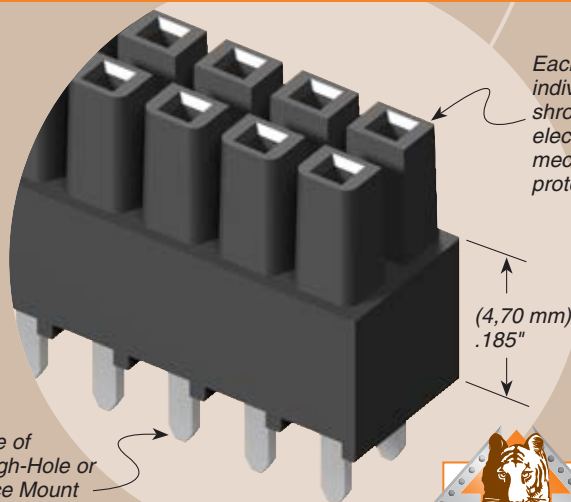
(0,13 mm) .005" max (05-10)

(0,15 mm) .006" max (15-25)

Mates with:
IPT1



CURRENT RATING (PER CONTACT)	
AMBIENT TEMP	IPT1/IPS1
20°C	9.0A
40°C	8.1A
60°C	7.1A
95°C	4.8A
4 POSITIONS (2x2)	

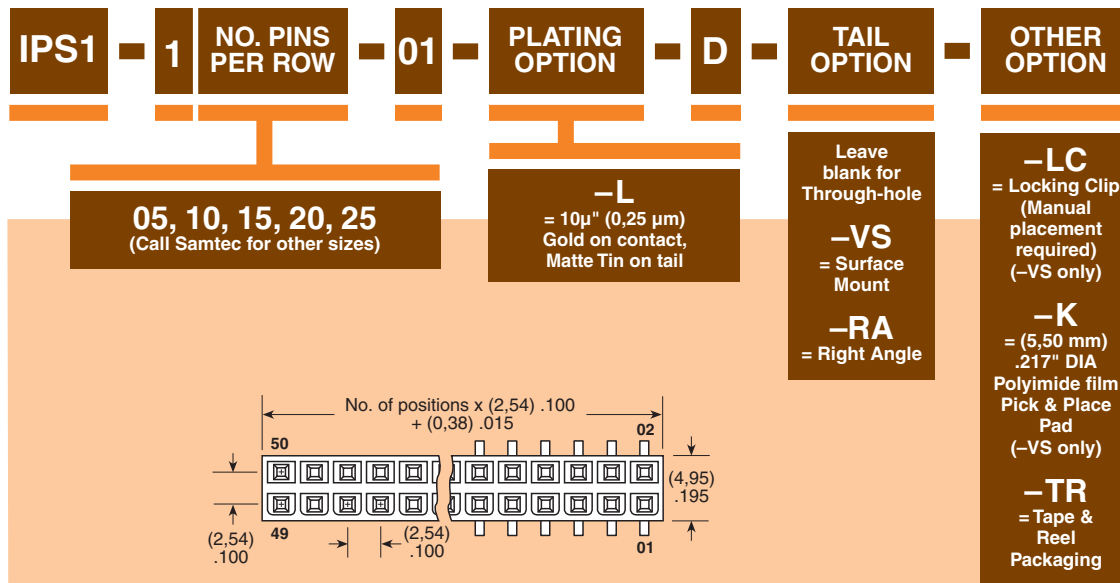


Each contact
individually
shrouded for
electrical and
mechanical
protection

Choice of
Through-Hole or
Surface Mount



- Individually shrouded contacts
- Locking clip option



APPLICATION SPECIFIC OPTION

Latching feature and No. 1 position polarized available. Call Samtec.

Note: Other Gold plating options available. Contact Samtec.

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

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

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