

POWER CONNECTOR SET IPT1, IPS1 SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?IPT1 or www.samtec.com?IPS1

Insulator Material:

Black LCP

Contact Material:

Phosphor Bronze

Plating:

Sn or Au over 50µ" (1,27µm) Ni

Operating Temp Range:

-55°C to +105°C with Tin;

-55°C to +125°C with Gold

Insertion Depth:

(2,79mm) .110" to

(6,48mm) .255"

Insertion Force (SMT):

(Single contact only)

3.0oz (0,83N) avg

Withdrawal Force (SMT):

(Single contact only)

2.6oz (0,72N) avg

Insertion Force (T/H):

(Single contact only)

6.0oz (1,67N) avg

Withdrawal Force (T/H):

(Single contact only)

5.0oz (1,39N) avg

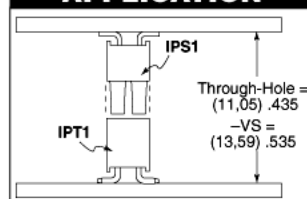
Voltage Rating: 550 VAC

AMBIENT TEMPERATURE	CURRENT RATING
20°C	7A
40°C	6A
60°C	4A
80°C	3A

APPLICATION SPECIFIC OPTION

Latching feature available. Call Samtec.

APPLICATION



Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

with Matte Sn plating

Lead-Free Solderable:

Wave, or reflow with Matte Sn

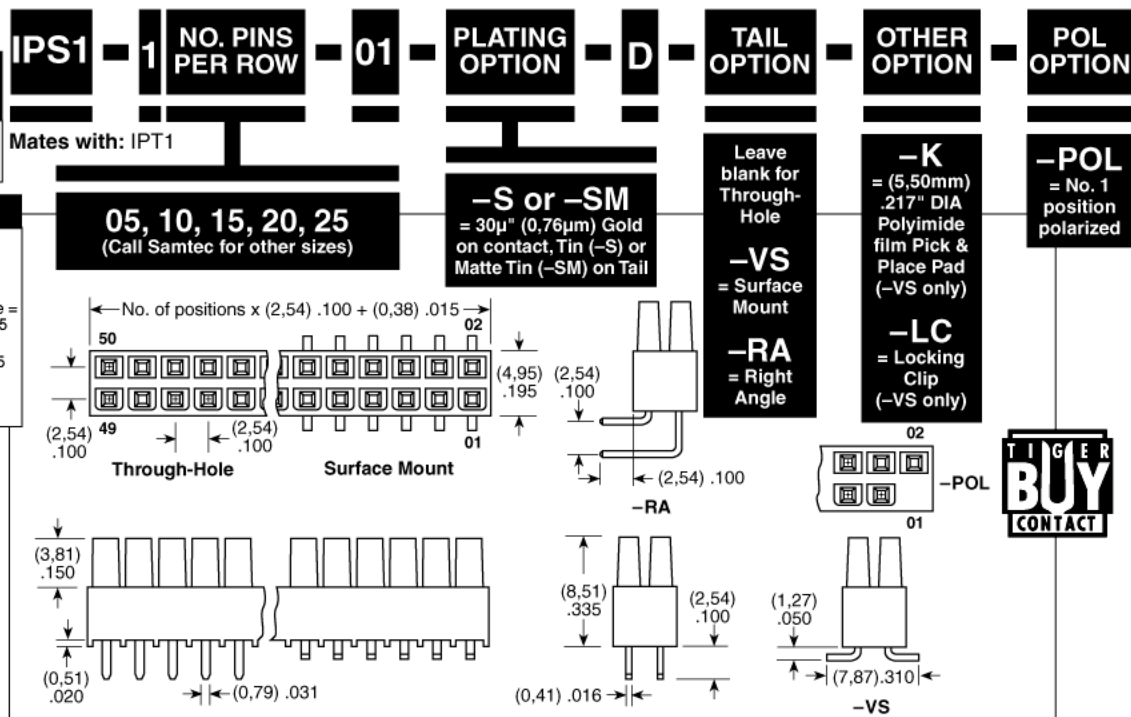
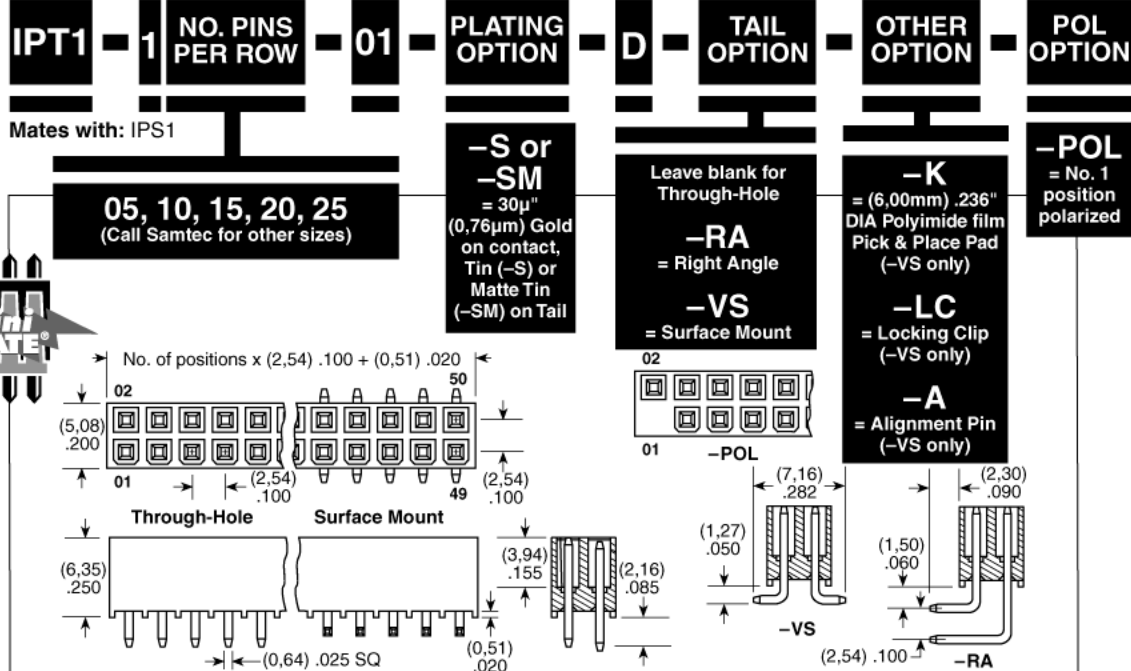
SMT Lead Coplanarity:

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

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

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.

WWW.SAMTEC.COM