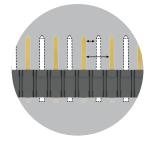


- Board-to-board and discrete wire cable systems
- Power Mate® system with polarized guide posts
- Mini Mate[®] system with reliable Tiger Buy[™] contacts
- Individually shrouded contacts
- Elevated stack heights
- Optional polarization
- Vertical and right-angle for parallel, perpendicular and coplanar applications
- Rugged metal or plastic latching systems
- Cable components and tooling available



Selectively loading contacts achieves customer specific creepage and clearance requrements.

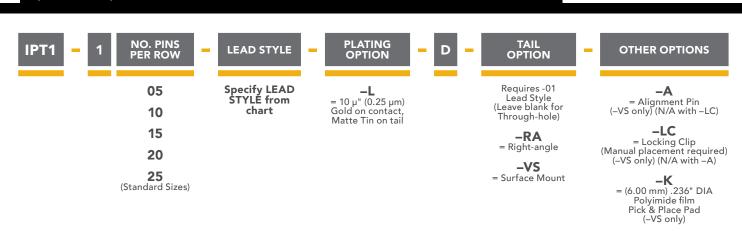
KEY SPECIFICATIONS

RET SECONCATIONS						
SERIES	IPT1/IPS1	IPBT/IPB\$	HPM/HPW/HPF	FWJ/HFWJ/FHP		
PITCH	(2.54 mm) .100"	(4.19 mm) .165"	(5.08 mm) .200"	(3.96 mm) .156"		
CCC (1 PIN)*	5.9 A	10.3 A /pin (2 pins powered)	16.6 A	13.1 A		
CCC (2 PINS)*	4.8 A	8.4 A/pin (4 pins powered)	14.4 A	11.2 A		
CCC (3 PINS)*	4.1 A	7.6 A/pin (6 pins powered)	13.2 A	10.3 A		
CREEPAGE	(2.54 mm) .100"	(4.27 mm) .168"	(3.94 mm) .155"	(3.92 mm) .154"		
CLEARANCE	(1.91 mm) .075"	(3.05 mm) .120"	(3.94 mm) .155"	(2.82 mm) .111"		
VAC	775	400	850	600		
VDC	1095	565	1200	845		
CYCLES	1000 (MFG Tested)	100	100	100		





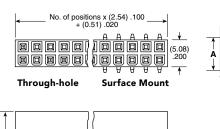
(2.54 mm) .100" PITCH • SHROUDED POWER CONNECTOR SET



IPT1 Board Mates: IPS1

non-returnable.







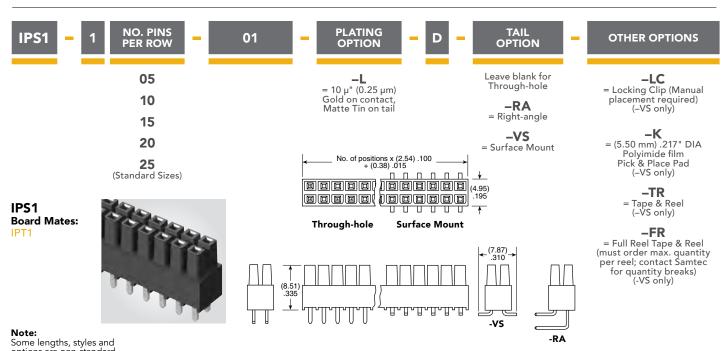
-RA

← (7.16) - .282 →

-FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (-VS only)

-TR Tape & Reel (-VS only)

LEAD STYLE	MATED HEIGHT	A	В
-01	(11.05) .435	(6.35) .250	(2.16) .085
-01-VS	(13.59) .535	(6.35) .250	N/A
-02	(14.00) .551	(9.30) .366	(2.64) .104
-03	(16.00) .630	(11.30) .445	(2.16) .085
-04	(17.00) .669	(12.30) .484	(2.69) .106
-05	(19.00) .748	(14.30) .563	(2.46) .097
-06	(20.00) .787	(15.30) .602	(2.35) .093
-07	(25.00) .984	(20.30) .799	(2.31) .091
-08	(30.00) 1.181	(25.30) .996	(2.39) .094
-09	(35.00) 1.378	(30.30) 1.193	(2.46) .097



View complete specifications at: samtec.com?IPT1 & samtec.com?IPS1