REVISION S

DO NOT SCALE FROM THIS PRINT
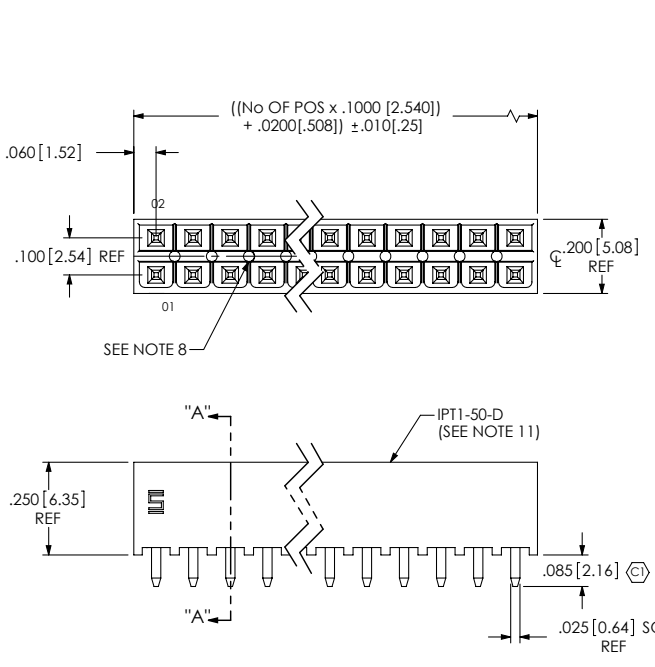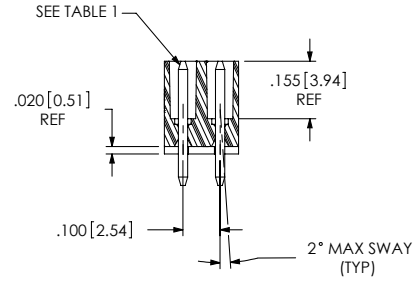
IPT1-1XX-XX-XX-D-XXX

No OF POS PER ROW
-02 THRU -50

LEAD STYLE
SEE TABLE 1, SHEET 2

OPTION
(SEE NOTE 11)
-POL: POSITION #1 REMOVED
(USE IPT1-XX-D-P)
-FL: FRICTION LOCK [POS -05 THRU -25]
(USE IPT1-XX-D-FL-X & T-1S64-XX-X)

ROW SPECIFICATION
(SEE NOTE 11)
-D: DOUBLE (USE IPT1-XX-D-XX-X)

PLATING SPECIFICATION
-S: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL

-SM: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL

-L: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL

.060[1.52]

((No OF POS x .1000 [2.540]) + .0200[.508]) ±.010[.25]

02

.100[2.54] REF

.200[5.08] REF

01

SEE NOTE 8

"A"

IPT1-50-D
(SEE NOTE 11)

.250[6.35] REF

.085[2.16] ⓒ

"A"

.025[0.64] SQ REF

FIG.1
(IPT1-150-01-XX-D-XXX SHOWN)

SEE TABLE 1

.020[0.51] REF

.155[3.94] REF

.100[2.54]

2° MAX SWAY (TYP)

SECTION "A"-"A"

NOTES:

1. ⓒ REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM ALLOWABLE CUT FLASH: .010[.25].
3. MINIMUM TERMINAL PUSH OUT FORCE: 2 lbs.
4. MAXIMUM VARIATION BETWEEN PIN ROWS: .005+/-.13].
5. "END WALLS" AFTER CUTTING SHOULD BE .015+/-.003[.38+/-.08].
6. PARTS TO BE BULK PACKAGED.
7. ALL DIMENSIONS TO BE ABOUT CENTERLINE WITHIN +/-.005[.13].
8. PRESENCE OF VOIDS IS OPTIONAL AND PATTERN TO WHICH THEY OCCUR IS VARIABLE.
9. -T PLATING OPTION AVAILABLE FOR EXISTING CUSTOMERS ONLY.
10. NOTE DELETED.
11. STANDARD BODIES CAN BE CUT TO POSITION.
    FOR -POL & -FL OPTIONS, BODIES MUST BE MOLDED TO POSITION.

-FL: FRICTION LOCK OPTION
(IPT1-110-01-X-D-FL SHOWN)

T-1S64-06-X
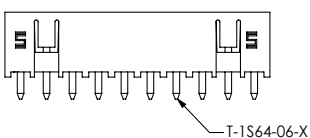
-POL: POLARIZED OPTION
(IPT1-110-01-X-D-POL SHOWN)

02   20

01   19

IPT1-XX-D-P
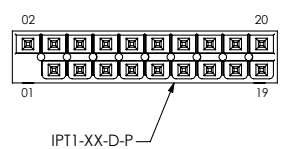
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS   ANGLES
.XX: ±.01[.3]   ± 2 °
.XXX: ±.005[.13]
.XXXX: ±.0020[.051]

samtec
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733   FAX: 812-948-5047
e-Mail info@SAMTEC.com   code 55322

MATERIAL: DO NOT SCALE DRAWING   SHEET SCALE: 1:0.4
INSULATOR: LCP, UL 94 VO, COLOR: BLACK
CONTACT: PHOS BRONZE, 510, 3/4 HARD

DESCRIPTION:
.100 DOUBLE ROW SHROUDED TERMINAL ASSEMBLY

DWG. NO.
IPT1-1XX-XX-XX-D-XXX

F:\DWG\MISC\MKTG\IPT1-1XX-XX-XX-D-XXX-MKT.SLDDRW

BY: DEAN P   11-05-2002   SHEET 1 OF 2

REVISION S

IPT1-XX-D-XX-X

"B"

"B"

HTSW-50-D-LCP

C2

"C"

"B"

FIG.2
(IPT1-110-02-XX-D-XXX SHOWN)

SEE TABLE1

.155[3.94]
REF

SECTION "B"-"B"
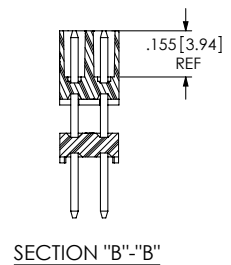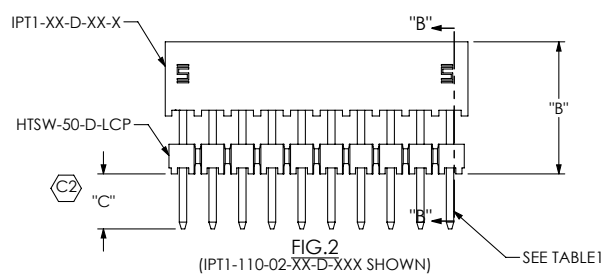
TABLE 1		BOARD STACK HEIGHT WHEN MATED WITH IPS1	TERMINAL	"C"
LEADSTYLE	"B"			
-01	N/A	N/A	T-1S6-21-X-2	
-02	.366[9.30]	.551[14.00]	T-1S6-26-X-2	.104[2.64]
-03	.445[11.30]	.630[16.00]	T-1S6-08-X-2	.085[2.16]
-04	.484[12.30]	.669[17.00]	T-1S6-24-X-2	.106[2.69]
-05	.563[14.30]	.748[19.00]	T-1S6-27-X-2	.097[2.46]
-06	.602[15.30]	.787[20.00]	T-1S6-23-X-2	.093[2.35]
-07	.799[20.30]	.984[25.00]	T-1S6-28-X-2	.091[2.31]
-08	.996[25.30]	1.181[30.00]	T-1S6-29-X-2	.094[2.39]
-09	1.193[30.30]	1.378[35.00]	T-1S6-30-X-2	.097[2.46]

F:\DWG\MISC\MKTG\IPT1-1XX-XX-XX-D-XXX-MKT.SLDDRW