

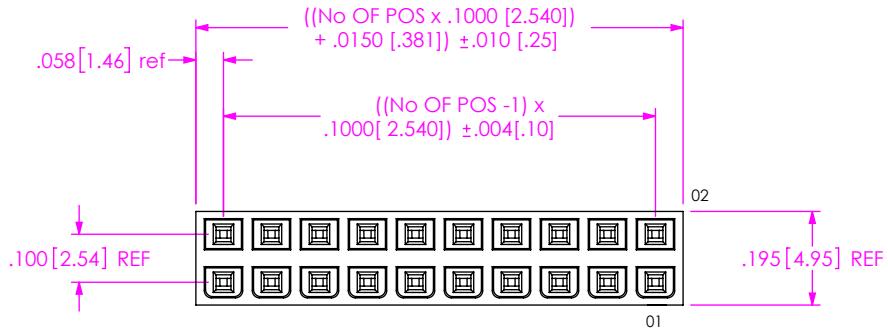


**THE DATASHEET OF
IPS1-105-01-L-D**



DO NOT SCALE FROM THIS PRINT

IPS1-1XX-XX-XX-D-XX



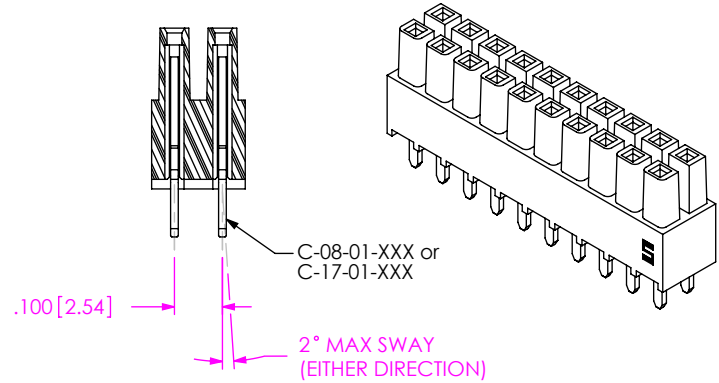
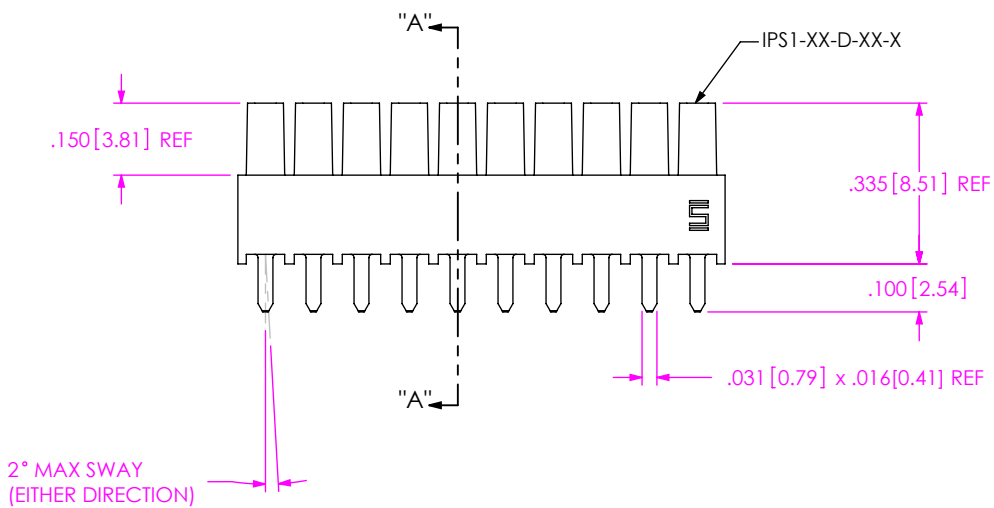
No OF POS PER ROW
-02 THRU -25

OPTION
-PL: POSITION #1 REMOVED (USE IPS1-XX-D-P) (SEE NOTE 10)
-FL: FRICTION LOCK (USE IPS1-XX-D-FL-X) [POSITIONS -05 THRU -25]

LEAD STYLE
-01: STANDARD INSERTION (USE C-08-01-XXX)
-L1: LOW INSERTION (USE C-17-01-XXX)

ROW SPECIFICATION
-D: DOUBLE (USE IPS1-XX-D)

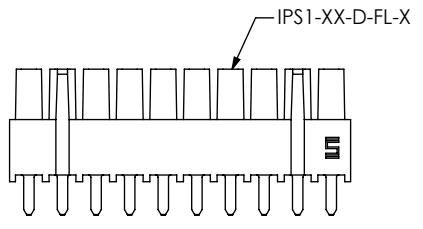
PLATING SPECIFICATION
-H: HEAVY GOLD (USE C-XX-01-H)
-S: SELECTIVE GOLD, MATTE TIN TAIL (USE C-XX-01-S)
-T: TIN (AVAILABLE FOR EXISTING CUSTOMERS ONLY.) (USE C-XX-01-T)
-SM: HEAVY SELECTIVE GOLD, MATTE TIN TAIL (USE C-XX-01-S)
-L: LIGHT SELECTIVE GOLD, MATTE TIN TAIL (USE C-XX-01-L)



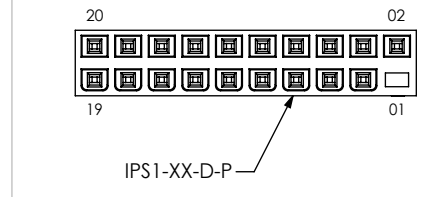
NOTES:

1. REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM ALLOWABLE CUT FLASH: $.010 [.25]$.
3. MINIMUM CONTACT PUSH OUT FORCE: 1.5 lbs.
4. MAXIMUM ALLOWABLE BOW: $.003 [.08]$ INCH/INCH AFTER ASSEMBLY.
5. MAXIMUM VARIATION BETWEEN PIN ROWS: $.010 [.25]$.
6. "END WALLS" AFTER CUTTING SHOULD BE $.015 \pm .003 [.38 \pm .08]$.
7. PARTS TO BE BULK PACKAGED.
8. -T PLATING AVAILABLE FOR EXISTING CUSTOMERS ONLY.
9. AFTER REVISION N OF THE COMPONENT PRINT IPS1-XX-D-XX-X, SAMTEC LOGO TO APPEAR ON THE #1 POSITIONS.
10. FOR EXISTING CUSTOMERS ONLY, -POL CAN BE SUBSTITUTED FOR -PL.

-FL: FRICTION LOCK OPTION
IPS1-110-01-X-D-FL SHOWN



-PL: POLARIZED OPTION
IPS1-110-01-X-D-PL SHOWN



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: $\pm .01 [.3]$ $\pm 2^\circ$
.XXX: $\pm .005 [.13]$
.XXXX: $\pm .0020 [.051]$

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2.5:1
INSULATOR:
PRIMARY: SUMAKI E6007LHF, COLOR: BLACK
SECONDARY: VECTRA E130i, COLOR: BLACK
CONTACT: PHOS BRONZE, 510 SPRING TEMPER


DESCRIPTION:
.100[2.54] DOUBLE ROW SHROUDED SOCKET ASSEMBLY

DWG. NO. **IPS1-1XX-XX-XX-D-XX**

BY: DEAN P 10-30-2002 SHEET 1 OF 1

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