



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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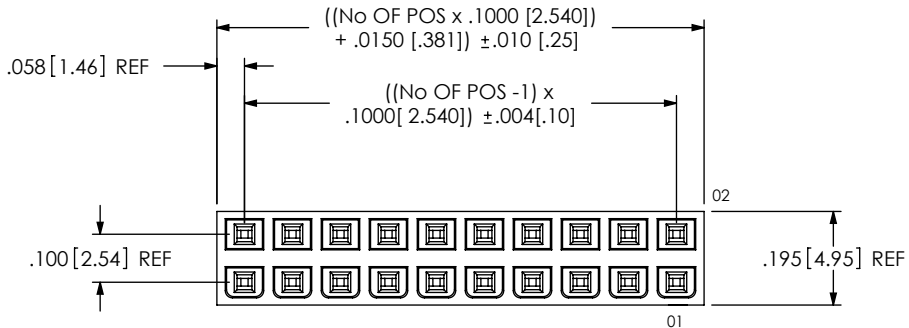
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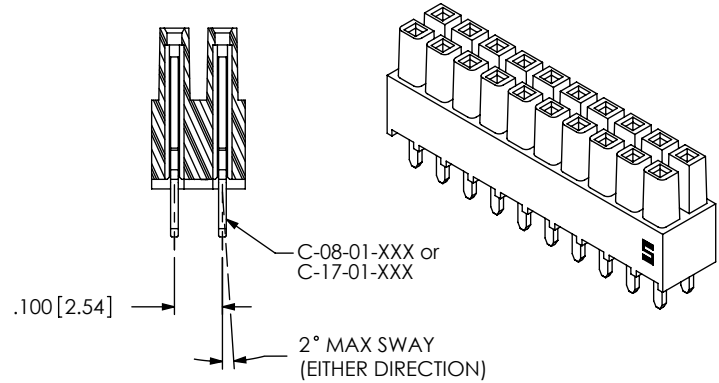
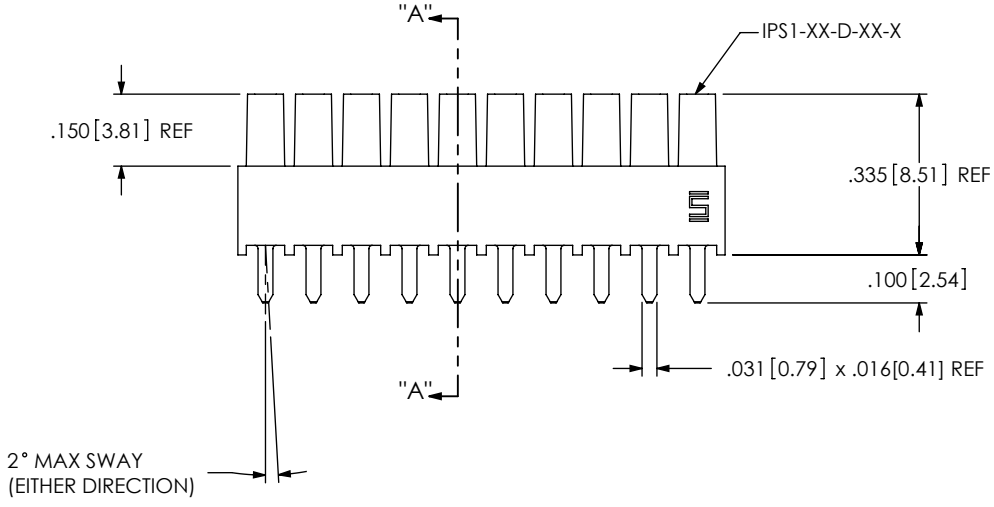


IPS1-1XX-XX-XX-D-XX <sup>[R]</sup>

DO NOT SCALE FROM THIS PRINT



- No OF POS PER ROW**  
-02 THRU -25
- LEAD STYLE**  
-01: STANDARD INSERTION (USE C-08-01-XXX)  
-L1: LOW INSERTION (USE C-17-01-XXX)
- 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)
- 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]
- ROW SPECIFICATION**  
-D: DOUBLE (USE IPST-XX-D)

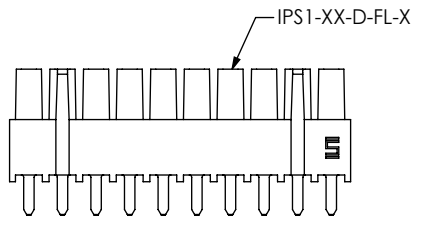


2° MAX SWAY (EITHER DIRECTION)

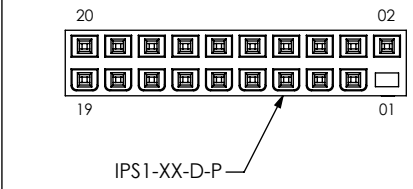
SECTION "A"- "A"

- NOTES:
1. <sup>[R]</sup> 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 +/- .003 [.38 +/- .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:  $\pm .0020 [.051]$

**PROPRIETARY NOTE**  
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**MATERIAL:** DO NOT SCALE DRAWING SHEET SCALE: 2.5:1  
 INSULATOR: 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