



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

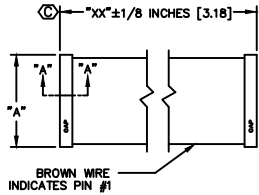
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

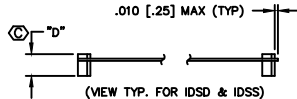


REVISION Y

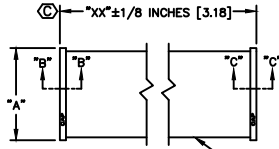
DO NOT SCALE FROM THIS PRINT



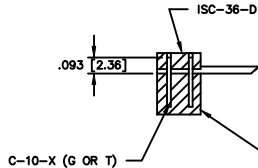
IDSD



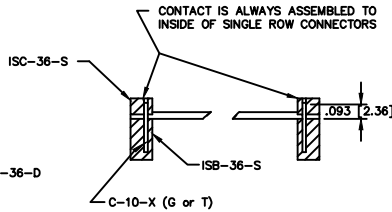
POSITION	D
2,3,4	.360 ± .005 [9.14 ± .05]
5 AND UP	.365 ± .005 [9.27 ± .05]



IDSS



SECT. A-A



SECT. B-B

SECT. C-C

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED		TOLERANCES ARE:		TITLE:	DWG NO:
ONE PLACE DECIMALS: ± .1 [3]	THREE PLACE DECIMALS: ± .005 [.13]	ANGLES		± 5'		ASSEMBLY	IDSX-XX-X-XX-XXX-XXX
TWO PLACE DECIMALS: ± .01 [.3]	FOUR PLACE DECIMALS: ± .0020 [.051]					INSULATION DISPLACEMENT SOCKET CONNECTOR	SHEET OF 2

IDSX-XX-X-XX.XX-XXX-XXX

ROW SPECIFICATION

- S: SINGLE ROW
- D: DOUBLE ROW

NO. OF CONDUCTORS  
(-02 THRU -36 PER ROW)

- USE CABLE: CB-XX-28-7/36-050-C (IDSD)
- USE CABLE: CB-XX-28-7/36-100-C (IDSS)
- IDSD FULL STRIP: "A"=3.650±.005 [92.71±.13] REF
- IDSS FULL STRIP: "A"=3.810±.005 [91.69±.13] REF
- CUT STRIP: "A"=3.88 [97.78] = ("XC" x .100 [2.54]) + .059 [1.50]
- CUT STRIP: "A"=3.88 [97.78] = ("XC" x .100 [2.54]) + .019 [.48]
- \* NOTE: STANDARD COLOR-CODED CABLE N/A FOR DOUBLE ROW 31 THRU 36 POSITION - SEE -G OPTION.

END ASSEMBLY SPECIFICATIONS

- S: (SINGLE) ONE IDC ASSEMBLY
- D: (DOUBLE) TWO IDC ASSEMBLIES

NOTES

1. OPTION -SXX WHEN MATING DOUBLE ROW CONNECTOR WITH 2 SINGLE ROW CONNECTORS. THE OUTER MOST SINGLE WILL BE CONNECTED TO CONDUCTOR #1 AND THE INSIDE SINGLE TO CONDUCTOR #2.
2. USING A #32 MICRO FINISHED .0025±.0005 [.64±.013] SQ POST, INSERTION / WITHDRAWAL FORCES TO BE:  
INSERTION: 4.0 OZ [114 GRAMS] AVG / 6.0 OZ [170 GRAMS] MAX  
WITHDRAWAL: 2.75 OZ [78.0 GRAMS] AVG / 2.0 OZ [57 GRAMS] MIN.
3. MAX ALLOWABLE BOW AFTER ASSEMBLY TO BE .008 INCH/INCH [.20/MM].
4. (C) REPRESENTS CRITICAL DIMENSION FOR STATISTICAL PROCESS CONTROL.
5. A CHAMFER ON THE END OF THE CAP IS GUARANTEED ON FINAL ASSEMBLIES THAT ARE AT LEAST 18 POSITIONS FOR MALE AND FEMALE TERMINATION.
6. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS.
7. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 1000V.
8. WIRE: 28 AWG, 7/36, TINNED, STRANDED WITH PVC INSULATOR
9. FOR IDSX WITH R OR RW OPTION, CABLE RIB ORIENTATION CAN BE EITHER TOWARDS OR AWAY FROM THE CAP.
10. WHEN CUTTING CABLE TO LENGTH, CONDUCTORS SHOULD NOT EXTEND PAST THE CABLE INSULATION, EXTENDING LESS THAN 25% OF CABLE THICKNESS ON CONSECUTIVE AND LESS THAN 50% OF CABLE THICKNESS ON NON-CONSECUTIVE STRANDS IS CONSIDERED A PROCESS INDICATOR.

CONTACT IS ALWAYS ASSEMBLED TO INSIDE OF SINGLE ROW CONNECTORS RIBS OF GRAY CABLE GO TO CAP SIDE

FIG 1  
(SEE NOTE 9)

**PROPRIETARY NOTE**  
THIS DOCUMENT CONTAINS INFORMATION OF A PROPRIETARY NATURE. IT IS THE PROPERTY OF SAMTEC AND IS NOT TO BE REPRODUCED, COPIED, OR DISSEMINATED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF SAMTEC.

**samtec**

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150  
PHONE (812) 944-8733 P.O. BOX 1147  
CODE 95322

MADE BY: PURVIS 11-02-88

IDSX-XX-X-XX-XXX-XXX  
SHEET 1 OF 2