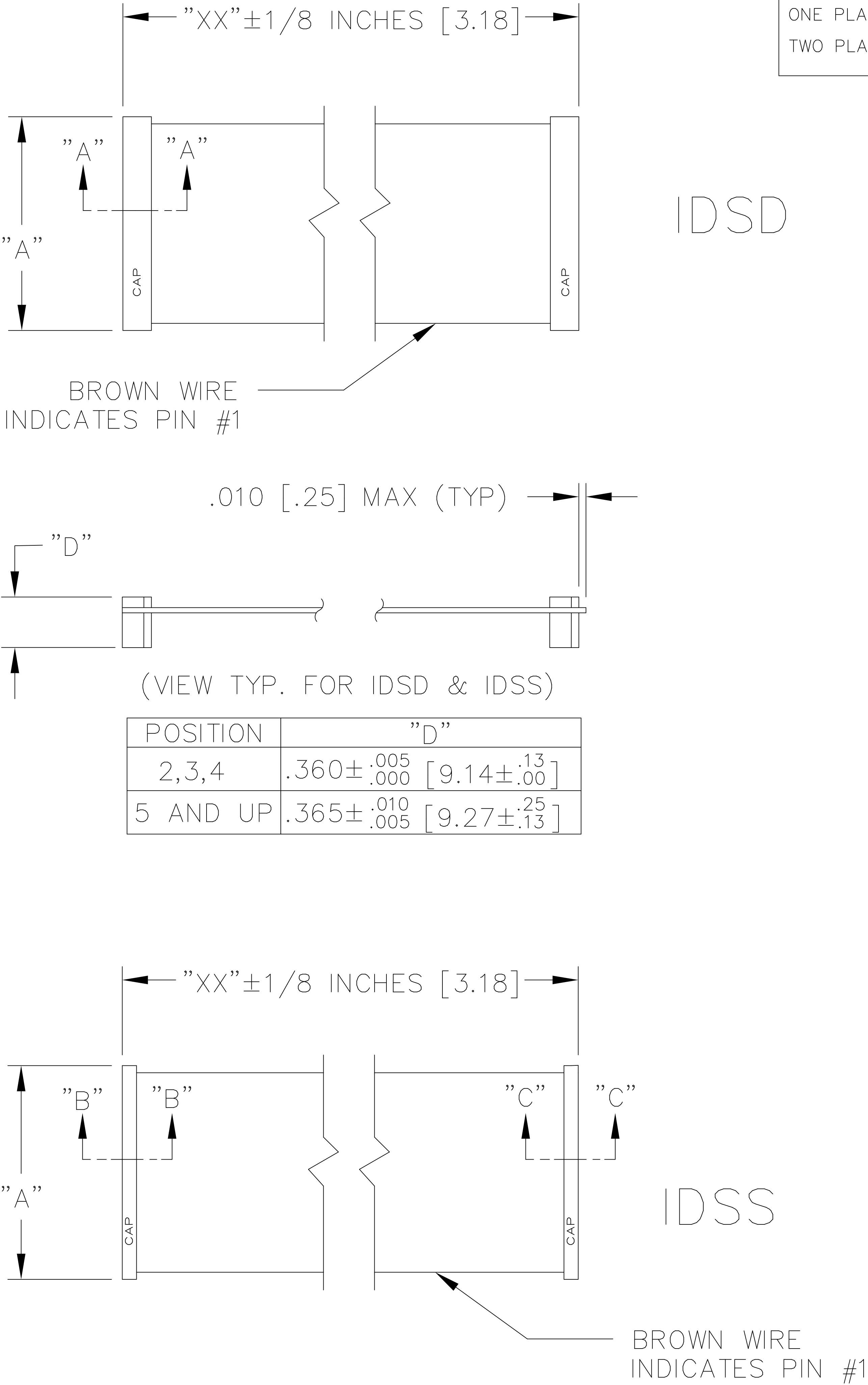


REVISION U

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC INC. AND SHALL NOT BE
REPRODUCED OR TRANSFERRED TO
OTHER DOCUMENTS OR DISCLOSED TO
OTHERS OR USED FOR ANY PURPOSE
OTHER THAN THAT FOR WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED
WRITTEN CONSENT OF SAMTEC INC.



DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE NOTED

TOLERANCES ARE:

ONE PLACE DECIMALS: ± .1 [3]

THREE PLACE DECIMALS: ± .005 [.13]

ANGLES

TWO PLACE DECIMALS: ± .01 [.3]

FOUR PLACE DECIMALS: ± .0020 [.051]

± 5°

TITLE:

ASSEMBLY

INSULATION DISPLACEMENT
SOCKET CONNECTOR

DWG NO:

IDSX-XX-X-XX-XXX-XXX

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

CUT STRIP: "A"±.015 [.38]= ("XX" x .100 [2.54])+.059 [1.50]

IDSS FULL STRIP: "A"=3.610±.005 [91.69±.13] REF

CUT STRIP: "A"±.015 [.38]= ("XX" 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

OPTION SPECIFICATION

SEE SHEET 2

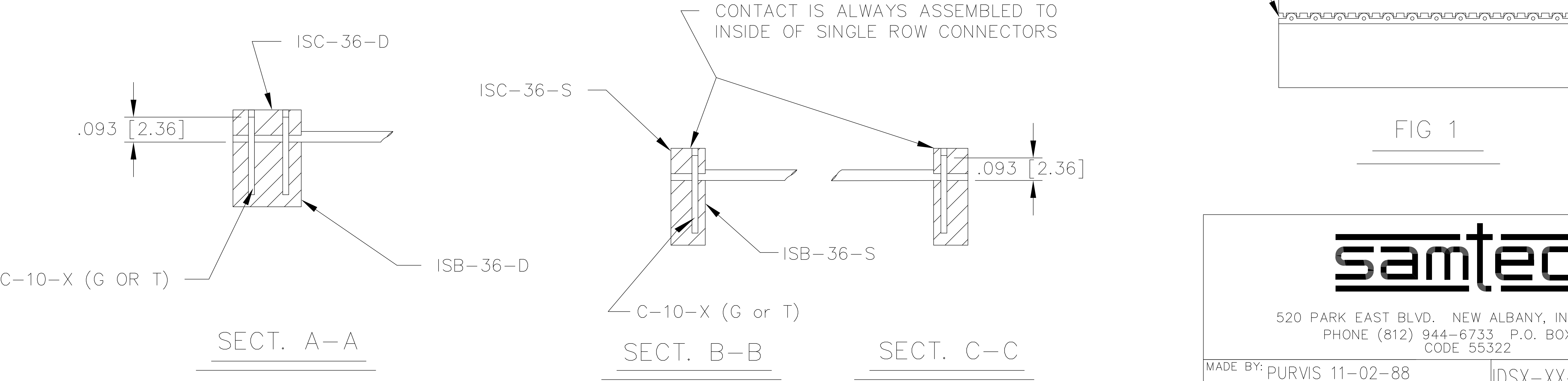
OPTION SPECIFICATION

SEE SHEET 2

LENGTH OF CABLE

MEASURED IN INCHES

- 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 .025±.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 .006 INCH/INCH [MM/MM].
 4. () 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



F:\EP\CABLE
IDSXASM1

samtec

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

MADE BY: PURVIS 11-02-88

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