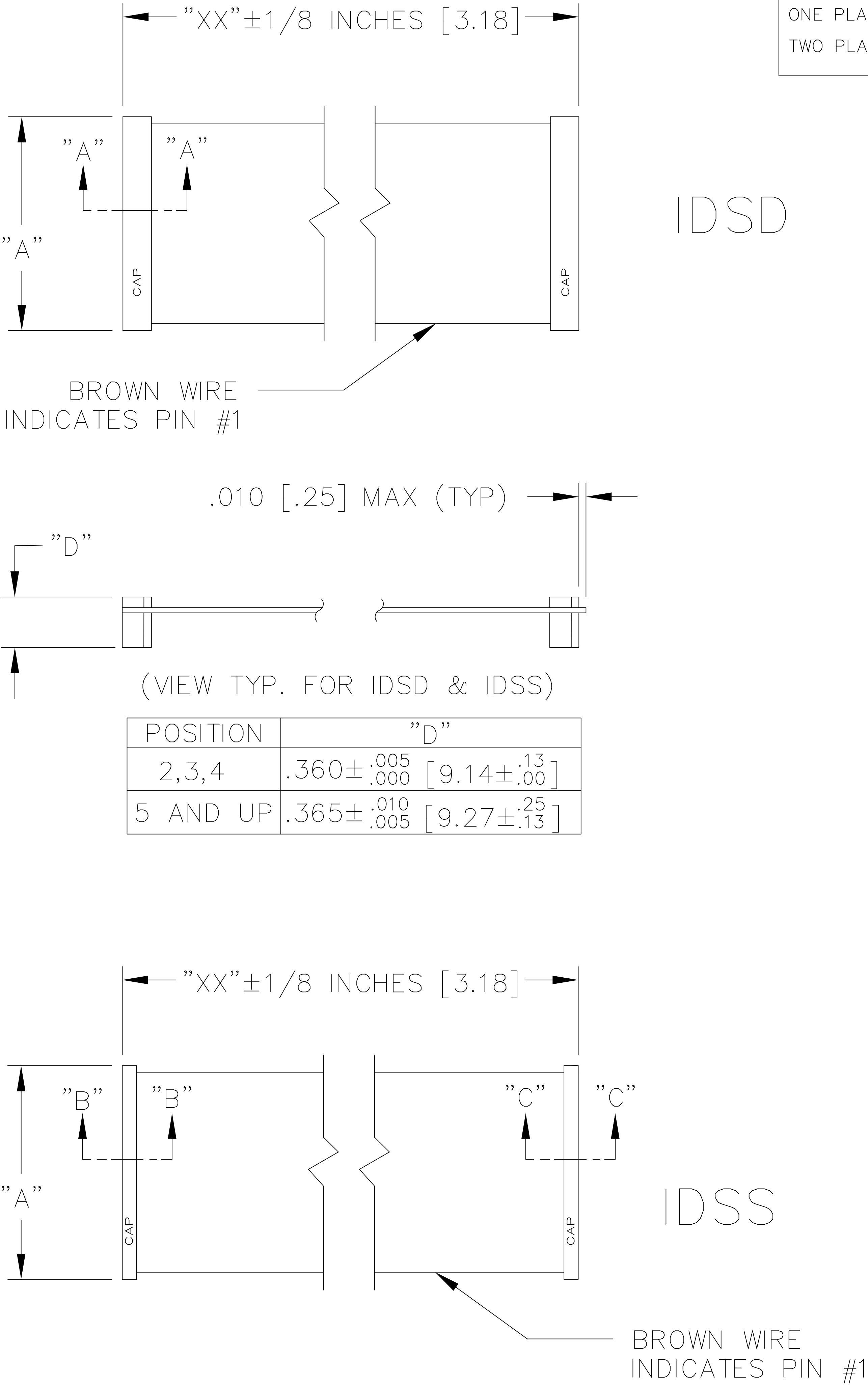


REVISION U

PROPRIETARY NOTE

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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 ± 5°

TWO PLACE DECIMALS: ± .01 [.3]

FOUR PLACE DECIMALS: ± .0020 [.051]

TITLE: ASSEMBLY

INSULATION DISPLACEMENT SOCKET CONNECTOR

DWG NO:

IDSX-XX-X-XX-XXX-XXX

SHEET 0F 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

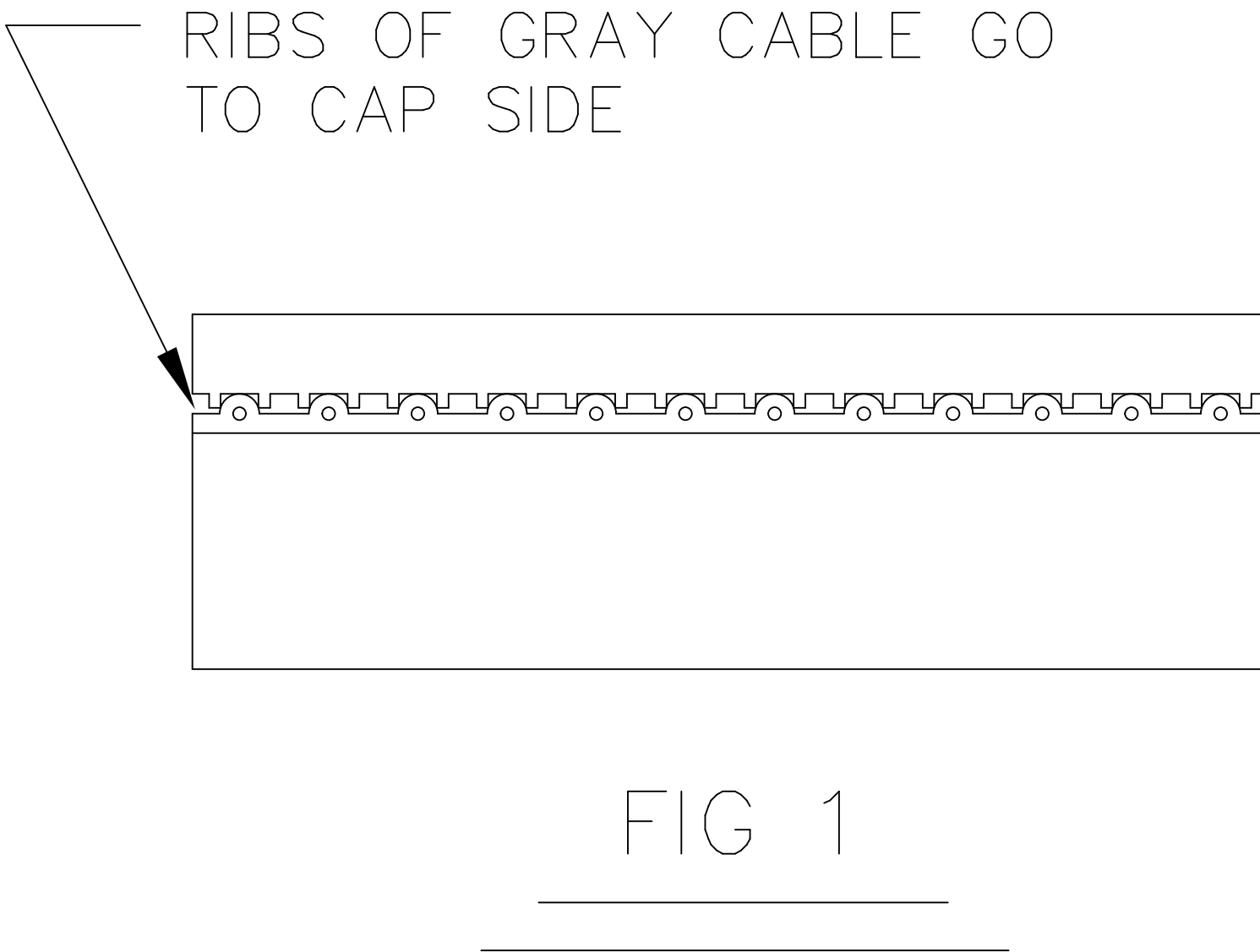
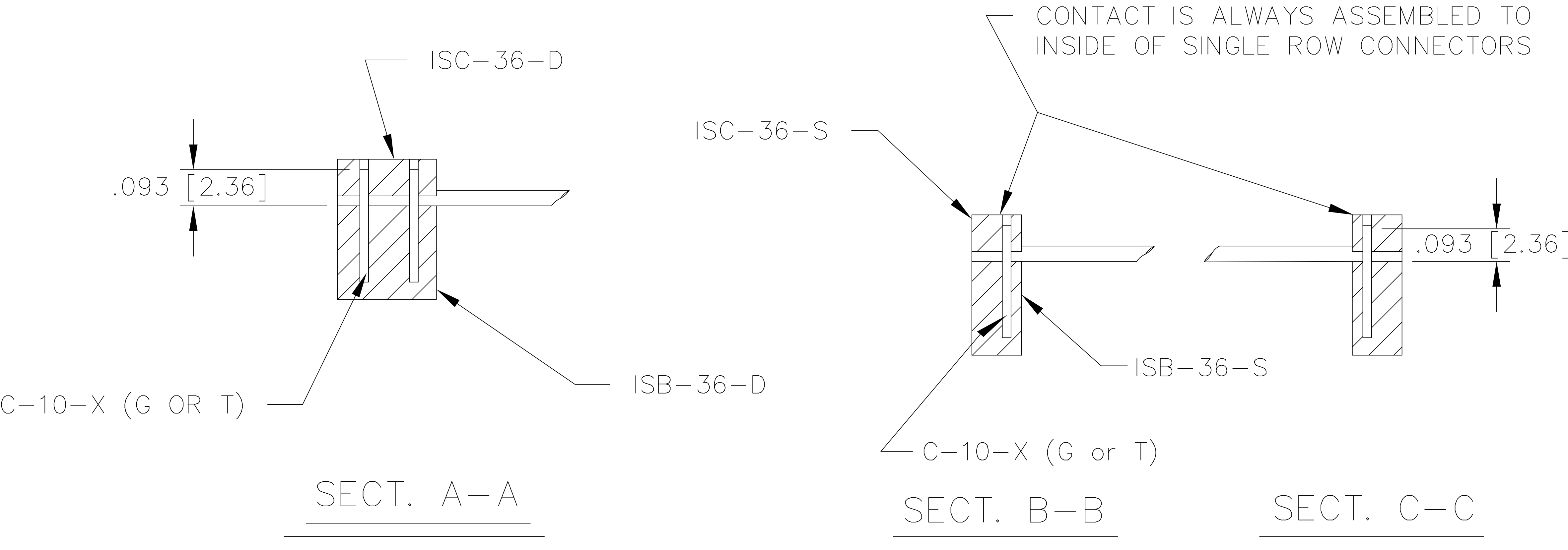
OPTION SPECIFICATION

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

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