

Technical drawing of a 10-pin connector. The drawing shows a side view of the connector with dimensions in inches and millimeters. The dimensions are as follows:

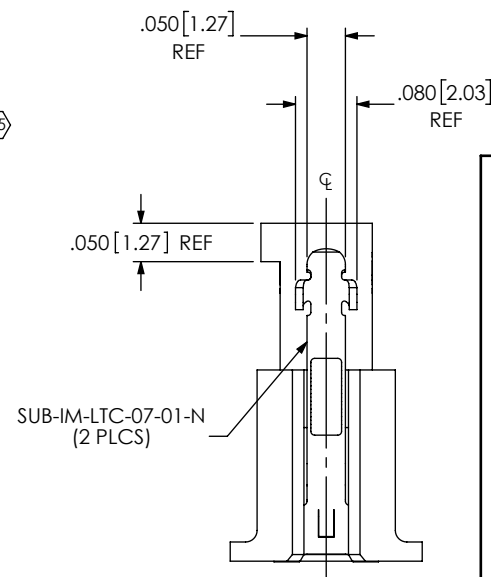
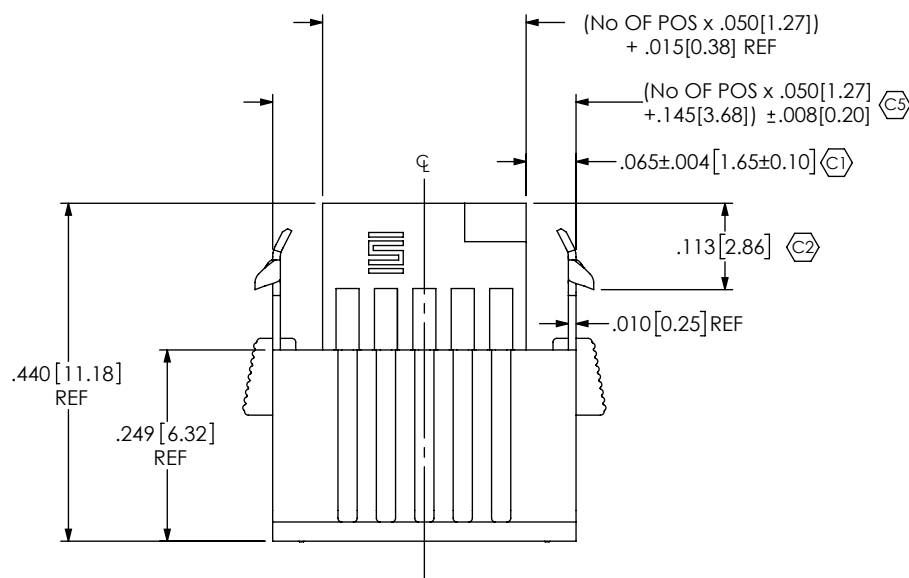
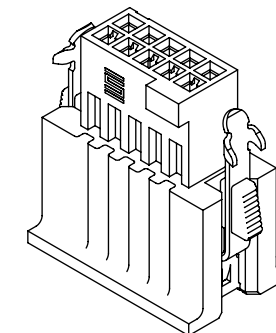
- Overall length: $(\text{No OF POS} \times .050[1.27]) + .223[5.66] \text{ REF}$
- Length of the main body: $(\text{No OF POS} \times .050[1.27]) + .145[3.68] \text{ REF}$
- Pin pitch: $.050[1.27] \text{ REF}$
- Pin diameter: $.080[2.03] \text{ REF}$
- Pin length: $.120[3.05] \text{ REF}$
- Pin spacing: $.145[3.68] \text{ REF}$
- Pin length (including the main body): $.180[4.57] \text{ REF}$
- Pin length (including the main body and the pin length): $.250[6.35] \text{ REF}$
- Pin length (including the main body and the pin length and the pin length): $.180[4.57] \text{ REF}$

The drawing also includes a center line and a reference line labeled "ISDF-XX-D-R".

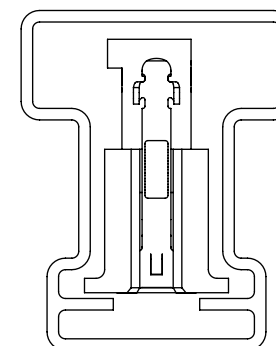
ROW SPECIFICATION:
-D: DOUBLE

LEAVE BLANK: NO KEY
-M: METAL RETENTION LATCH
 (SEE FIG 1)
-S: DUAL SCREW DOWN
 (SEE SHT 2, FIG 2)
-C: CHAMFER
 (SEE SHT 3, FIG 3)
 (7 POSITION ONLY)
-L: FRICTION LOCK
 (SEE SHEET 3, FIG 4)
 (AVAILABLE ON POS *-05,
 *-07, -10 THRU -50)

(*=NOT AVAILABLE WITH POLARIZATION KEY)



PACKAGING VIEW
-M OPTION



TUBE: PT-1-24-02-44
PLUG: TP-03

FIG 1
ISDF-05-D-M SHOWN

1.  REPRESENTS A CRITICAL DIMENSION.
2. LATCH RETENTION FORCE: .5 LB [2.22N].
3. PARTS TO BE PACKAGED IN TUBES.

DECIMALS	ANGLES
.XX: $\pm .01$ [.3]	2°
.XXX: $\pm .005$ [.13]	
.XXXX: $\pm .0020$ [.051]	

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MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, UL 94 V-0, COLOR: BLACK
LATCH: NICKEL-PLATED PHOS BRONZE
BUTTON: NYLON, COLOR: WHITE

SHEET SCALE: 2:1

DESCRIPTION:
.050[1.27] DISCRETE WIRE INSULATOR & LATCH ASM

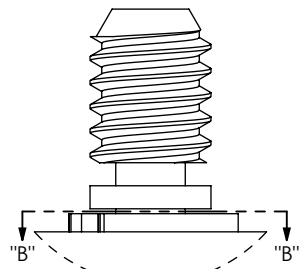
DWG. NO.

ISDF-XX-D-X

BY: BRATCHER 11/16/2006	SHEET 1 OF 3
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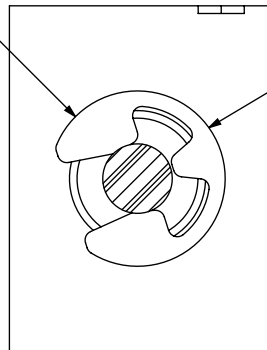
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322



DETAIL 'A'
SCALE 8 : 1

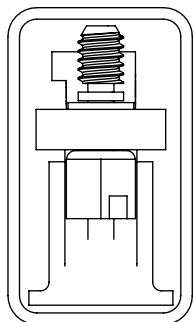
R.057 [1.45] REF

ACCRT-01



SECTION "B"-"B"
SCALE 8 : 1

PACKAGING VIEW
-S OPTION



TUBE: PT-1-24-08-15
PLUG: TP-03

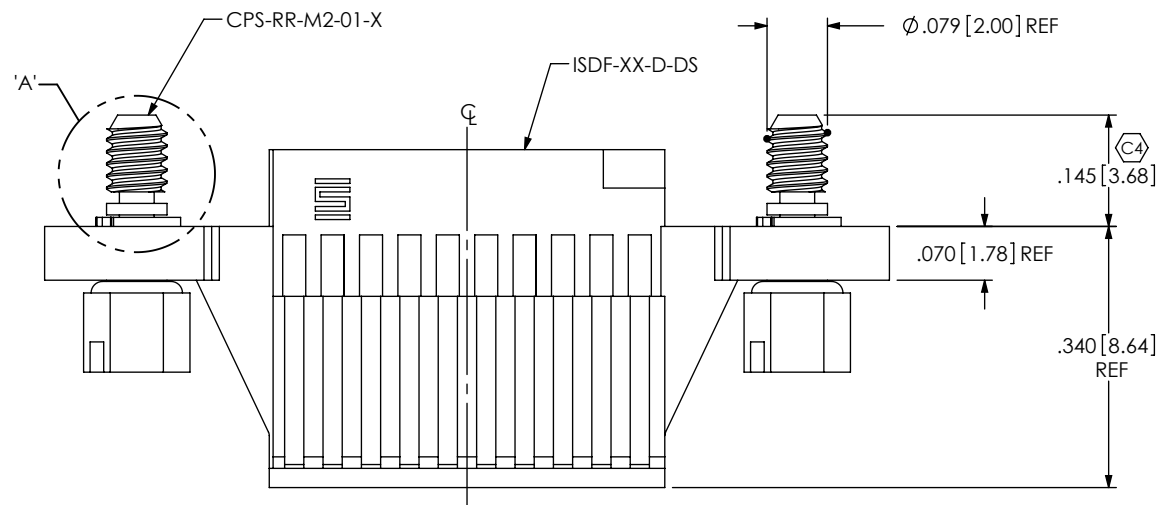
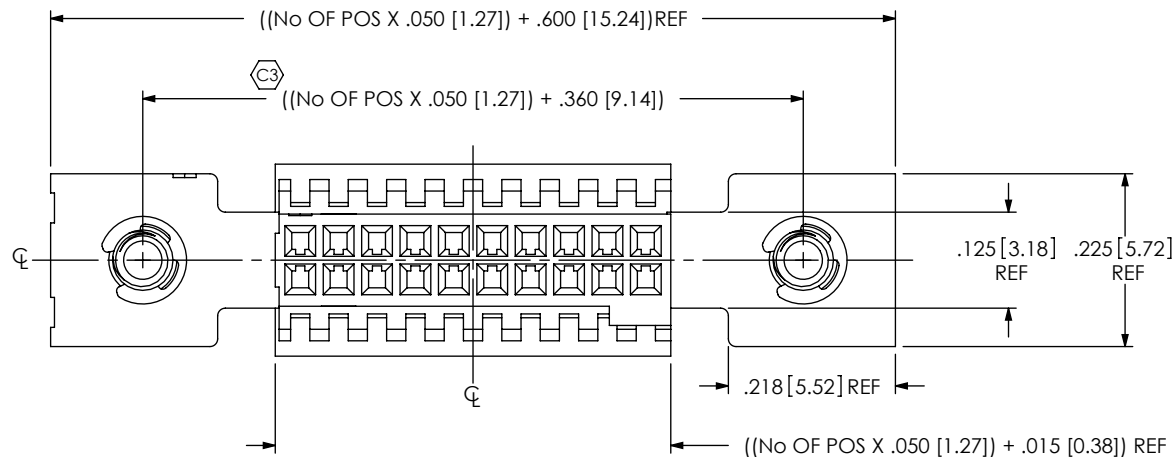


FIG 2
-S: DUAL SCREW DOWN OPTION
ISDF-10-D-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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SHEET SCALE: 4:1

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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
.050 [1.27] DISCRETE WIRE INSULATOR & LATCH ASM

DWG. NO.
ISDF-XX-D-X

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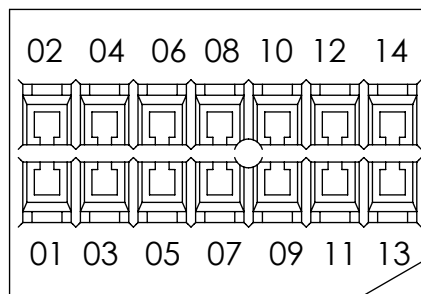


FIG 3
ISDF-07-D-C SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

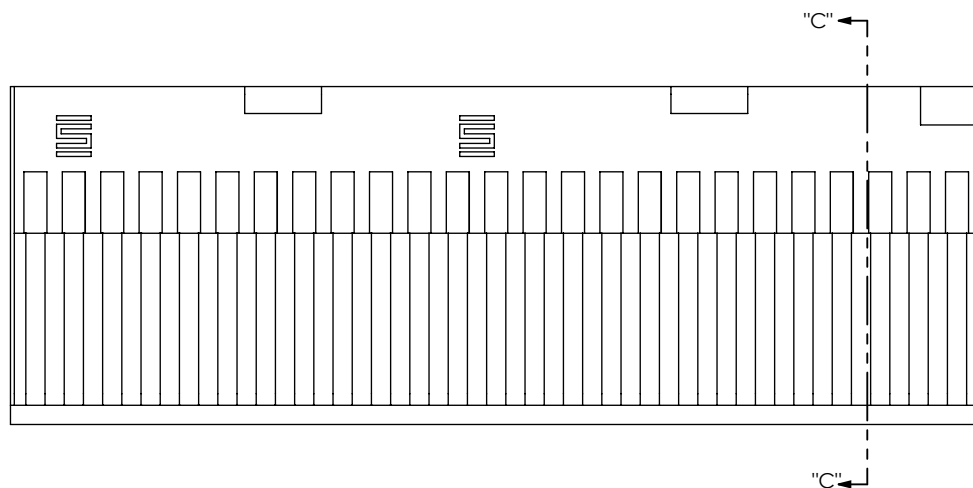
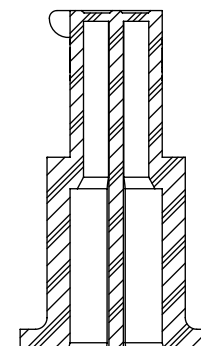


FIG 4
ISDF-25-D-L SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



SECTION "C"-"C"

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DO NOT SCALE DRAWING

SHEET SCALE: 4:1

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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
[.050][1.27] DISCRETE WIRE INSULATOR & LATCH ASM

DWG. NO. **ISDF-XX-D-X**

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