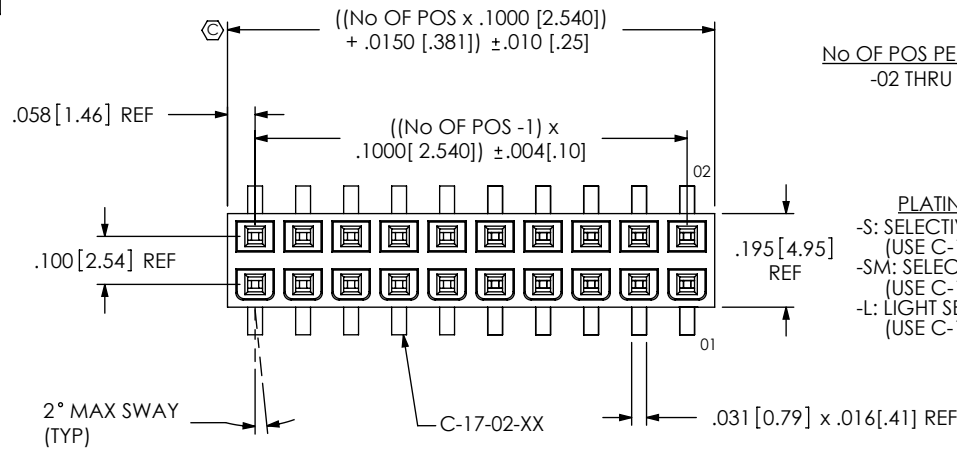




IPS1-1XX-XX-XX-D-VS-XX-XX

No OF POS PER ROW
-02 THRU -25

LEAD STYLE
-01

PLATING SPECIFICATION
-S: SELECTIVE GOLD, MATTE TIN TAIL (USE C-17-02-S)
-SM: SELECTIVE GOLD, MATTE TIN TAIL (USE C-17-02-S)
-L: LIGHT SELECTIVE GOLD, MATTE TIN TAIL (USE C-17-02-L)

ROW SPECIFICATION
-D: DOUBLE (USE IPS1-XX-D)

OPTION

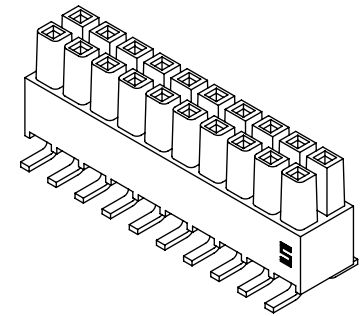
-PL: POSITION #1 REMOVED (USE IPS1-XX-D-P) (SEE NOTE 11)
-K: POLYIMIDE FILM PAD [4 POS MIN] (USE K-DOT-217-.313-.005)
-TR: TAPE & REEL PACKAGING

OPTION

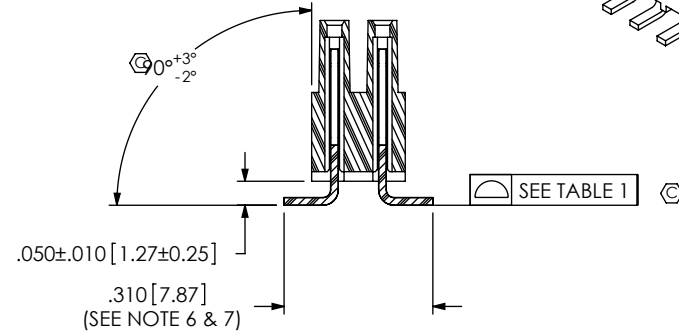
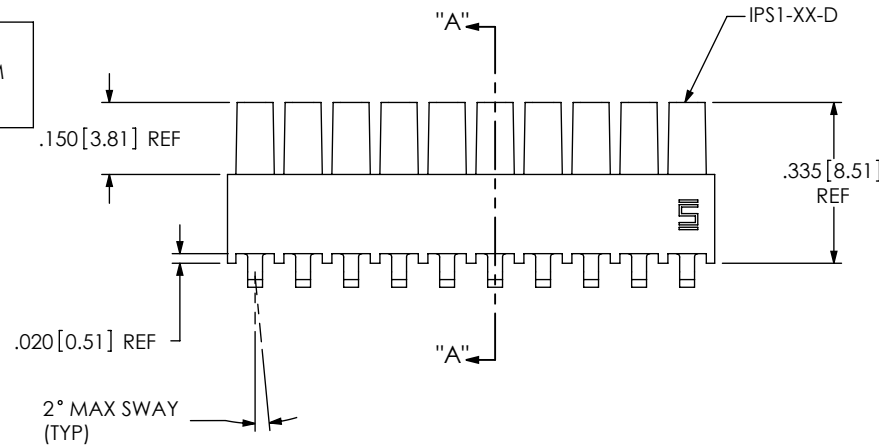
-LC: LOCKING CLIP (USE LC-07-TM) (SEE NOTE 10)
-FL: FRICTION LOCK (USE IPS1-XX-D-FL-X) [POSITIONS -05 THRU -25]

TAIL OPTION

-VS: VERTICAL SURFACE MOUNT



DO NOT
SCALE FROM
THIS PRINT



NOTES:

SECTION "A"- "A"

1. $\odot$ 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. SHEAR TAILS TO ACHIEVE DIMENSION SHOWN.
7. SHEAR BURR ALLOWED ON TOP SIDE (MOLD SIDE) TO $.005 [.13]$ MAX.
8. "END WALLS" AFTER CUTTING SHOULD BE $.015 \pm .003 [.38 \pm .08]$.
9. AFTER REVISION N OF COMPONENT IPS1-XX-D-XX-X, SAMTEC LOGO TO APPEAR ON #1 POSITION.
10. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.
11. FOR EXISTING CUSTOMERS ONLY, -POL CAN BE SUBSTITUTED FOR -PL.

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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samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

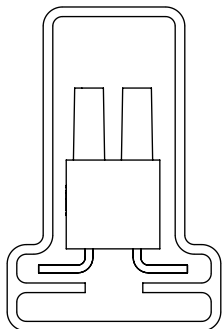
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2.5:1
INSULATOR: VECTRA E130i, COLOR: BLACK
CONTACT: PHOS BRONZE, 510 SPRING TEMPER

DESCRIPTION:
.100 DOUBLE ROW SHROUDED SOCKET ASSEMBLY

DWG. NO.
IPS1-1XX-XX-XX-D-VS-XX-XX

BY: DEAN P 10-30-2002 SHEET 1 OF 2

PACKAGING VIEW

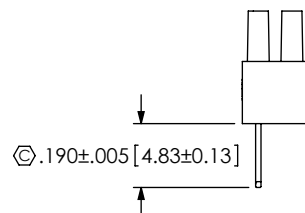


TUBE: ASP-90528-01-S
PLUG: TP-03

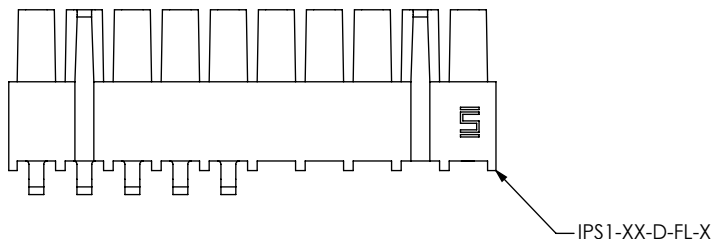
TABLE 1

POSITION	COPLANARITY
-04 THRU -10	.005 [.13]
-11 THRU -25	.006 [.15]

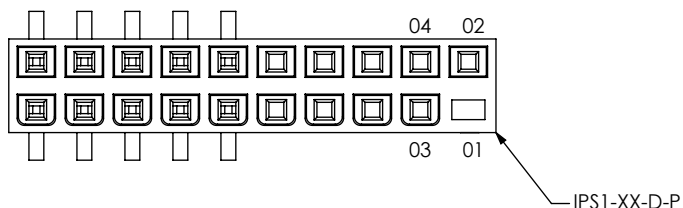
INPROCESS



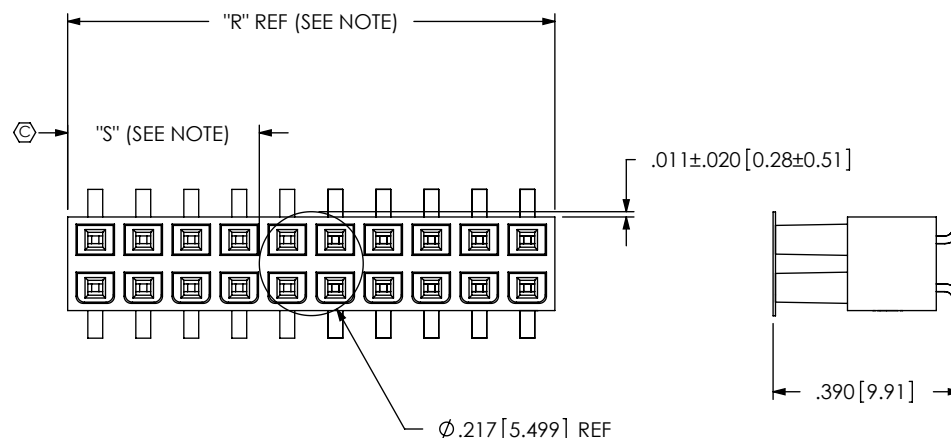
-FL: FRICTION LOCK OPTION
IPS1-110-01-X-D-VS-FL SHOWN



-PL: POLARIZED OPTION
IPS1-110-01-X-D-VS-PL SHOWN

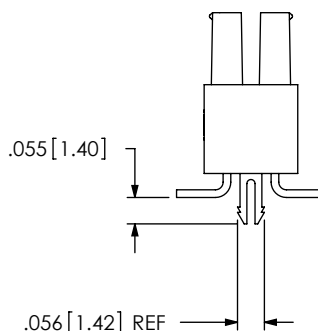
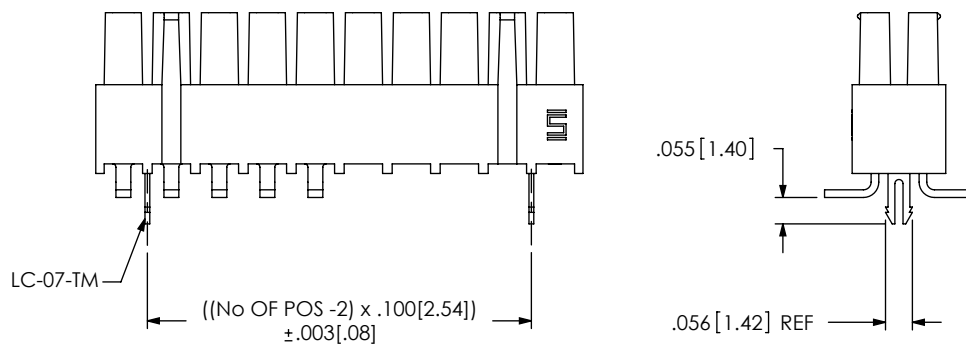


-K: POLYAMIDE FILM PAD OPTION



NOTE: "R" = USE MEASURED DIMENSION
"S" = $((\text{"R"} - .2165[5.499]) / 2) \pm .020[.51]$

-LC: LOCKING CLIP OPTION
IPS1-110-01-X-D-VS-LC-FL SHOWN



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DO NOT SCALE DRAWING

SHEET SCALE: 2.5:1

samtec

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e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
.100 DOUBLE ROW SHROUDED SOCKET ASSEMBLY

DWG. NO.
IPS1-1XX-XX-XX-D-VS-XX-XX

BY: DEAN P 10-30-2002 SHEET 2 OF 2