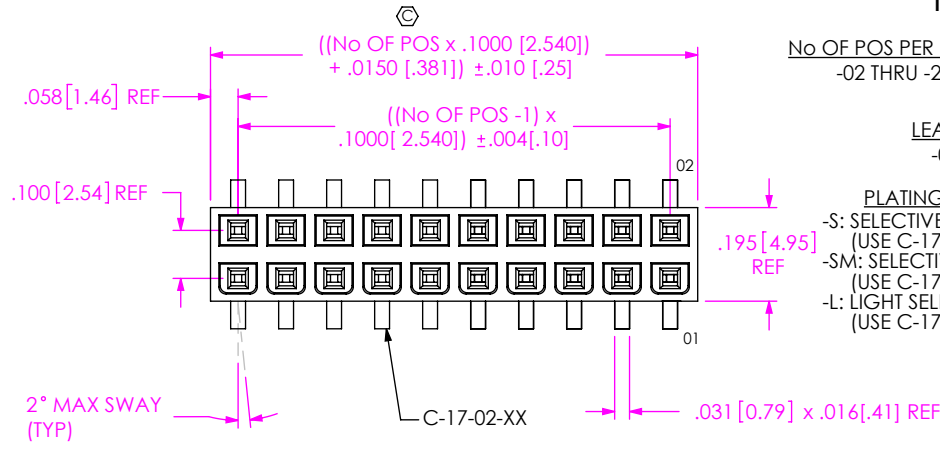


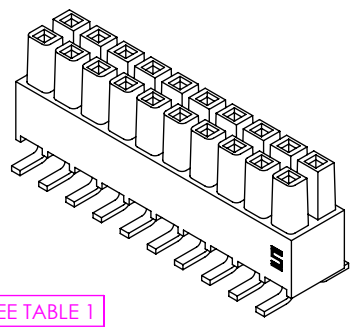
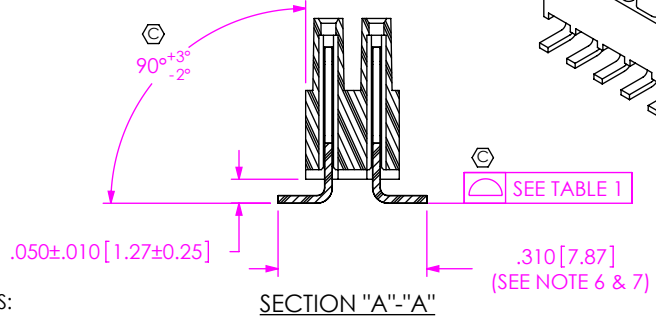
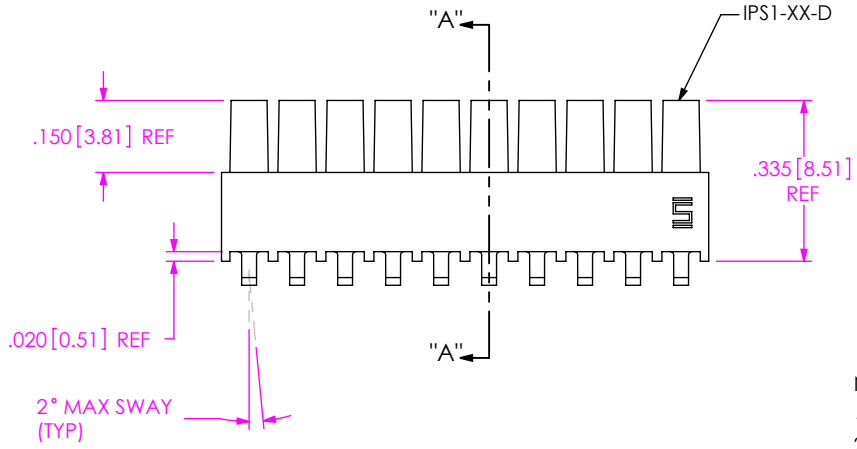
DO NOT SCALE FROM THIS PRINT

IPS1-1XX-XX-XX-D-VS-XX-XX-X-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)
- TAIL OPTION**
-VS: VERTICAL SURFACE MOUNT

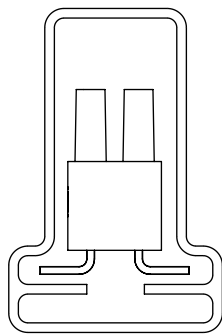
- PACKAGING**
BLANK: TUBES (SEE NOTES 12 & 13)
-TR: TAPE & REEL (SEE NOTES 13 & 14)
-FR: FULL REEL QTY TAPE & REEL (SEE NOTES 13 & 14)
- PICK & PLACE OPTION**
-K: POLYIMIDE FILM PAD (4 POS MIN) (USE K-DOT-.217-.313-.005)
- OPTION**
-PL: POSITION #1 REMOVED (USE IPS1-XX-D-P) (SEE NOTE 11)
- OPTION**
-LC: LOCKING CLIP (USE LC-07-TM) (SEE NOTE 10)
-FL: FRICTION LOCK (USE IPS1-XX-D-FL-X) (POSITIONS -05 THRU -25)



- NOTES:
- ⑥ REPRESENTS A CRITICAL DIMENSION.
 - MAXIMUM ALLOWABLE CUT FLASH: $.010 [0.25]$.
 - MINIMUM CONTACT PUSH OUT FORCE: 1.5 lbs.
 - MAXIMUM ALLOWABLE BOW: $.003 [0.08]$ INCH/INCH AFTER ASSEMBLY.
 - MAXIMUM VARIATION BETWEEN PIN ROWS: $.010 [0.25]$.
 - SHEAR TAILS TO ACHIEVE DIMENSION SHOWN.
 - SHEAR BURR ALLOWED ON TOP SIDE (MOLD SIDE) TO $.005 [0.13]$ MAX.
 - "END WALLS" AFTER CUTTING SHOULD BE $.015 \pm .003 [0.38 \pm .08]$.
 - AFTER REVISION N OF COMPONENT IPS1-XX-D-XX-X, SAMTEC LOGO TO APPEAR ON #1 POSITION.
 - 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.
 - FOR EXISTING CUSTOMERS ONLY, -POL CAN BE SUBSTITUED FOR -PL.
 - TUBES ARE STANDARD PACKAGING.
 - ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
 - ATTACH LABEL -4X2 TO EACH REEL.

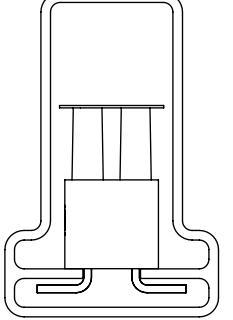
POSITION	COPLANARITY
-04 THRU -10	$.005 [0.13]$
-11 THRU -25	$.006 [0.15]$

PACKAGING VIEW



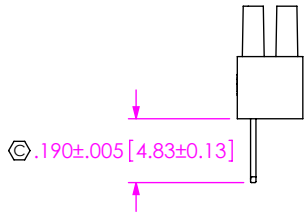
TUBE: ASP-90528-01-S
PLUG: TP-03

PACKAGING VIEW FOR -K OPTION



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

INPROCESS



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: $\pm .01 [0.3]$ $\pm 2^\circ$
.XXX: $\pm .005 [0.13]$
.XXXX: $\pm .0020 [0.051]$

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2.5:1
INSULATOR: VECTRA E130i OR SUMIKA E6007LHF, COLOR: BLACK
CONTACT: PHOS BRONZE, 510 SPRING TEMPER

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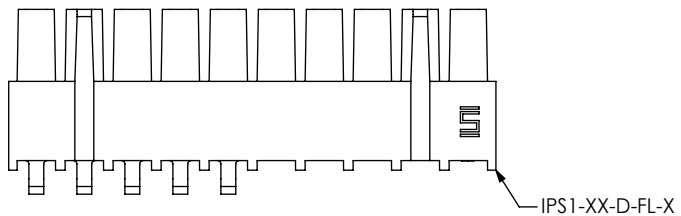


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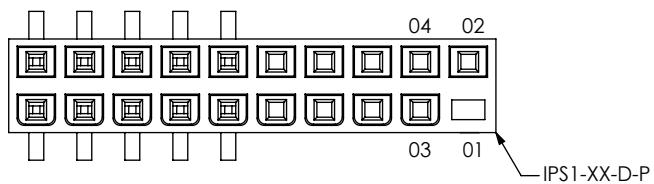
DESCRIPTION:
.100 DOUBLE ROW SHROUDED SOCKET ASSEMBLY

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

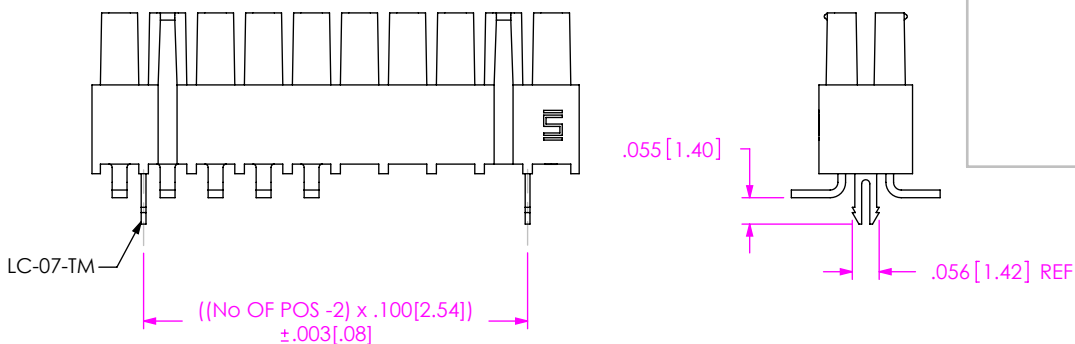
BY: DEAN P 10-30-2002 SHEET 1 OF 2



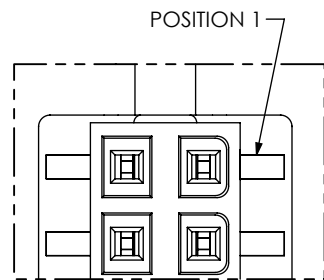
-FL: FRICTION LOCK OPTION
IPS1-110-01-X-D-VS-FL SHOWN



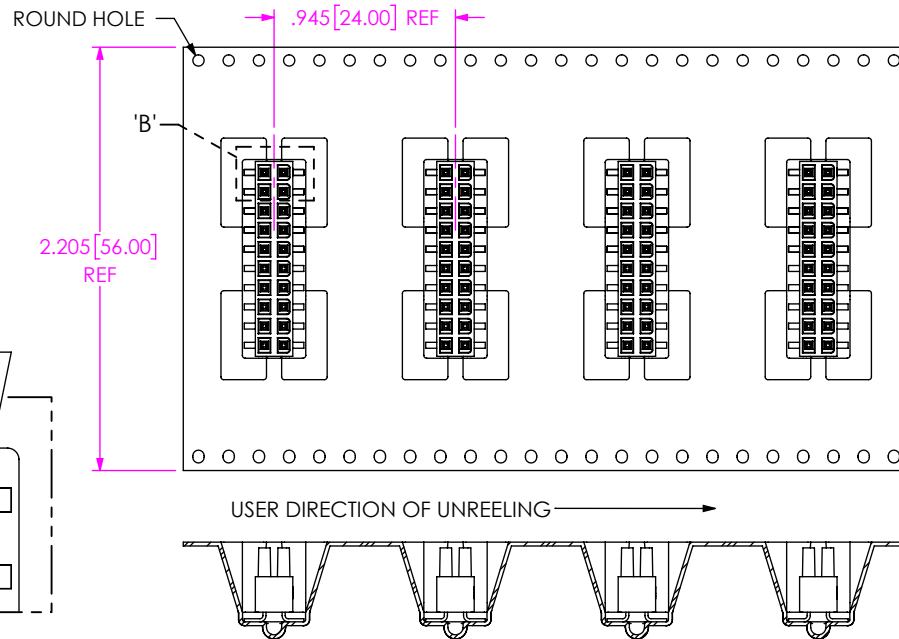
-PL: POLARIZED OPTION
IPS1-110-01-X-D-VS-PL SHOWN



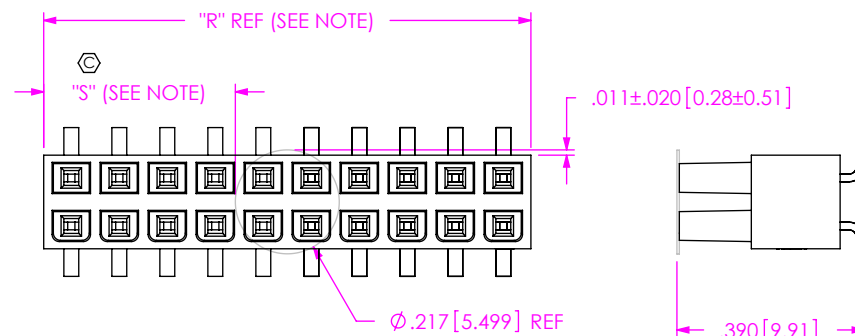
-LC: LOCKING CLIP OPTION
IPS1-110-01-X-D-VS-LC-FL SHOWN



DETAIL 'B'
SCALE 4:1



-TR: TAPE & REEL VIEW
(SCALE 1:1)



-K: POLYAMIDE FILM PAD OPTION

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

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DO NOT SCALE DRAWING

SHEET SCALE: 2.5:1

DESCRIPTION:
.100 DOUBLE ROW SHROUDED SOCKET ASSEMBLY

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

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