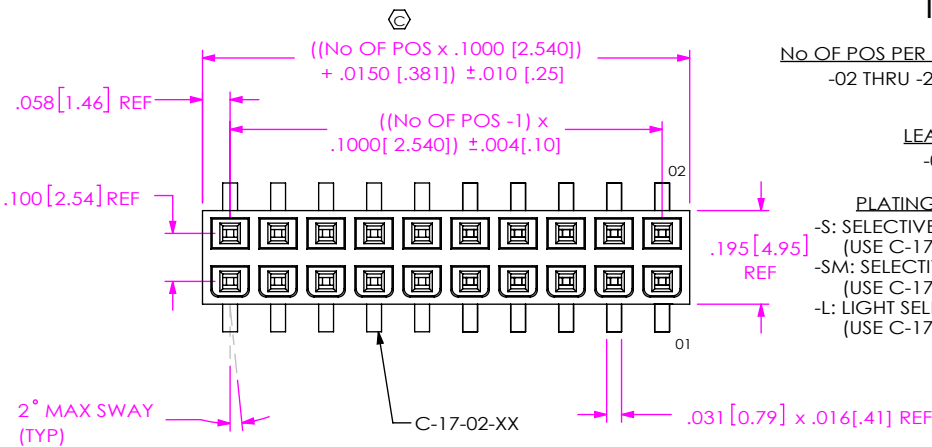


DO NOT
SCALE FROM
THIS PRINT



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

No OF POS PER ROW
-02 THRU -25

LEAD STYLE
-01

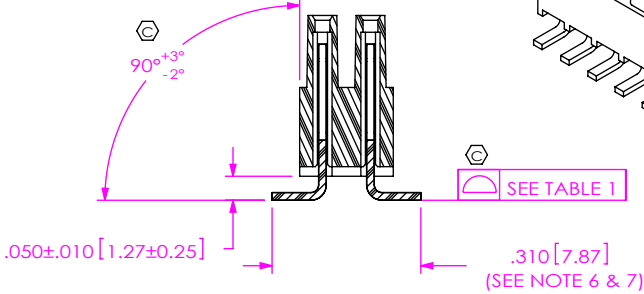
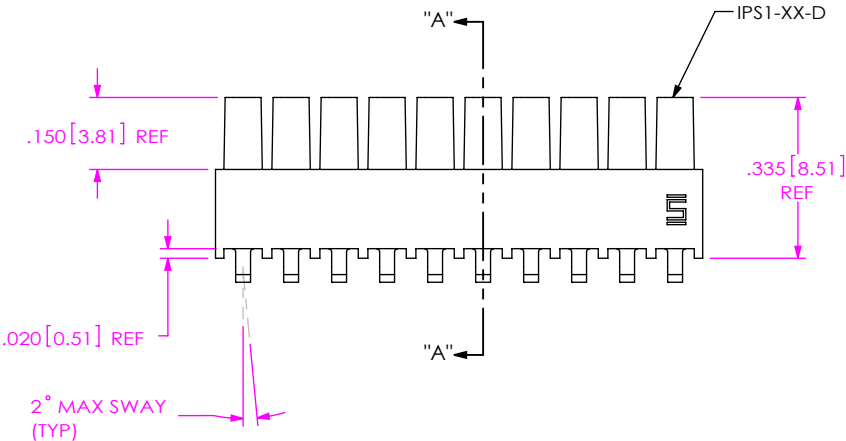
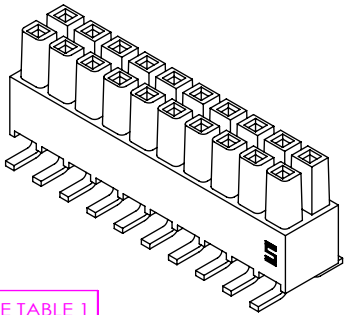
PLATING SPECIFICATION
-S: SELECTIVE GOLD, MATTE TIN TAIL (USE C-17-02-S)
-SM: SELECTIVE GOLD, MATTE TIN TAIL (USE C-17-02-S)
-L: LIGHT SELECTIVE GOLD, MATTE TIN TAIL (USE C-17-02-L)

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)

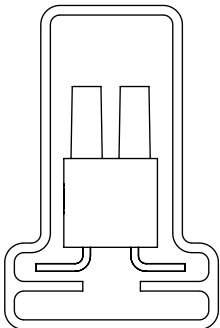
OPTION
-PL: POSITION #1 REMOVED (USE IPS1-XX-D-P) (SEE NOTE 11)
OPTION
-LC: LOCKING CLIP (USE LC-07-TM) (SEE NOTE 10)
-FL: FRICTION LOCK (USE IPS1-XX-D-FL-X) (POSITIONS -05 THRU -25)



- NOTES:
- ⑥ REPRESENTS A CRITICAL DIMENSION.
 - MAXIMUM ALLOWABLE CUT FLASH: .010[.25].
 - MINIMUM CONTACT PUSH OUT FORCE: 1.5 lbs.
 - MAXIMUM ALLOWABLE BOW: .003[.08] INCH/INCH AFTER ASSEMBLY.
 - MAXIMUM VARIATION BETWEEN PIN ROWS: .010[.25].
 - SHEAR TAILS TO ACHIEVE DIMENSION SHOWN.
 - SHEAR BURR ALLOWED ON TOP SIDE (MOLD SIDE) TO .005[.13] MAX.
 - "END WALLS" AFTER CUTTING SHOULD BE .015+/- .003[.38+/- .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 TO EACH REEL.

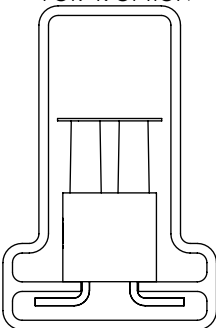
TABLE 1	
POSITION	COPLANARITY
-04 THRU -10	.005[.13]
-11 THRU -25	.006[.15]

PACKAGING VIEW



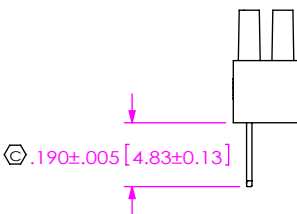
TUBE: ASP-90528-01-S
PLUG: TP-03

PACKAGING VIEW
FOR -K OPTION



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

INPROCESS



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
DECIMALS .XX: ±.01[.3]
.XXX: ±.005[.13]
.XXXX: ±.0020[.051]

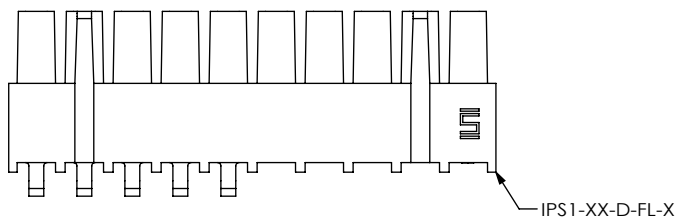
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MATERIAL: DO NOT SCALE DRAWING
INSULATOR: VECTRA E130i, COLOR: BLACK
CONTACT: PHOS BRONZE, 510 SPRING TEMPER

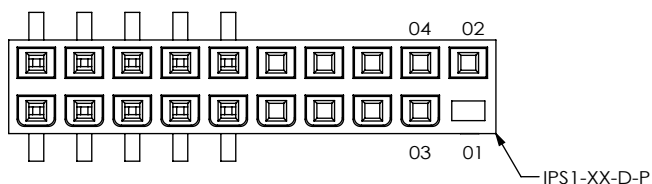


520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

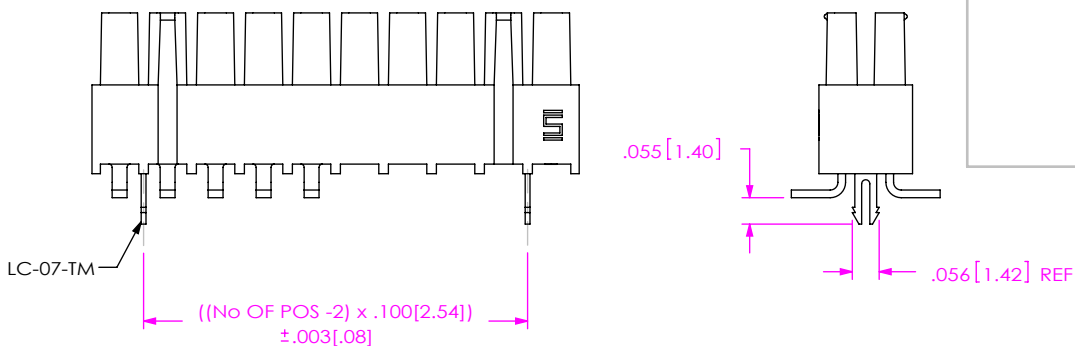
DESCRIPTION:
.100 DOUBLE ROW SHROUDED SOCKET ASSEMBLY
DWG. NO.
IPS1-1XX-XX-XX-D-VS-XX-XX-X-XX
BY: DEAN P 10-30-2002 SHEET 1 OF 2



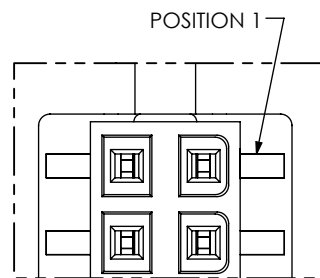
-FL: FRICTION LOCK OPTION
IPS1-110-01-X-D-VS-FL SHOWN



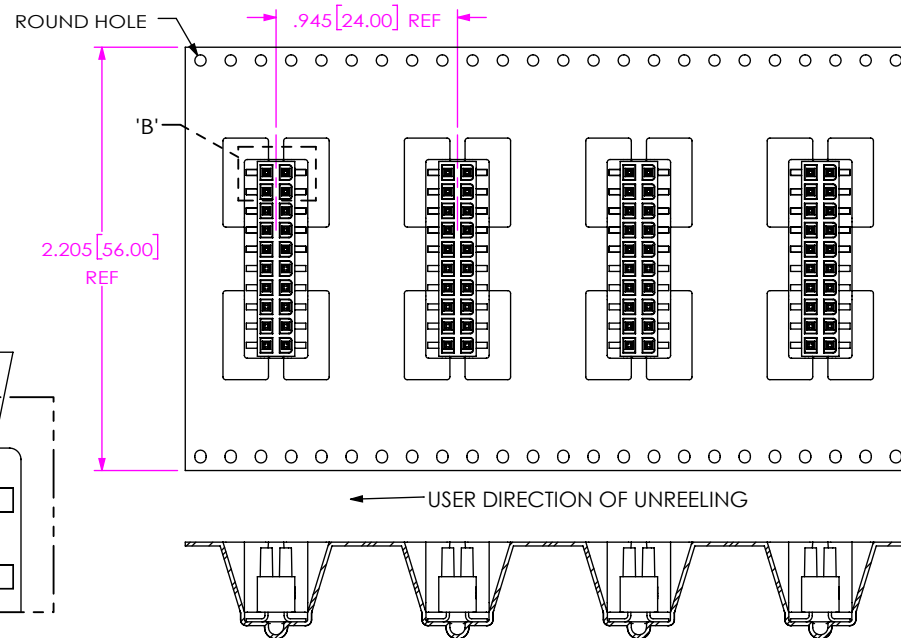
-PL: POLARIZED OPTION
IPS1-110-01-X-D-VS-PL SHOWN



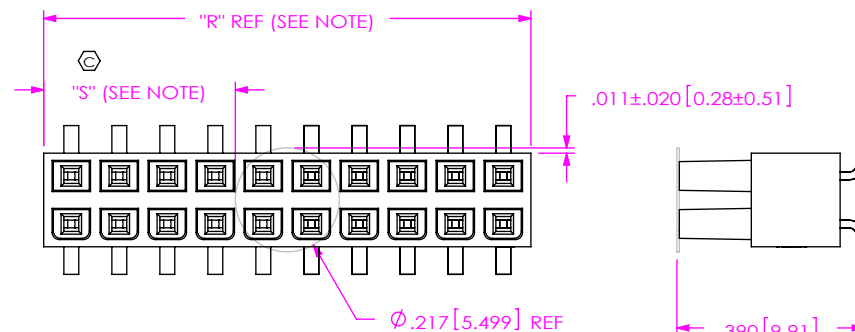
-LC: LOCKING CLIP OPTION
IPS1-110-01-X-D-VS-LC-FL SHOWN



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) ± .020 [51])

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DO NOT SCALE DRAWING
SHEET SCALE: 2.5:1

samtec

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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

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