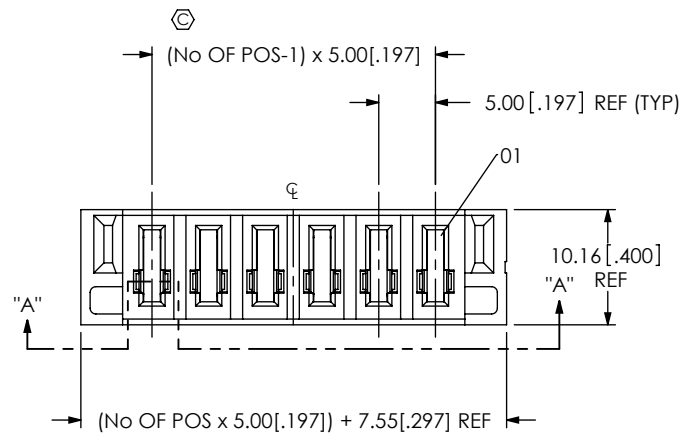


DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS



MPS-XX-X.XX-XX-X-V-XX

No OF POSITIONS
-02, -04, -06, -08

LEAD STYLE
-7.70
*-9.70 (SEE TABLE 1)

TAIL LENGTH
-01: FOR 1.57 [.062] THICK PCB (USE SUB-C-214-XX.XX-01-X)
*-02: FOR 3.18 [.125] THICK PCB (USE SUB-C-214-XX.XX-02-X)
03: FOR 2.36 [.093] THICK PCB (USE SUB-C-214-XX.XX-03-X)

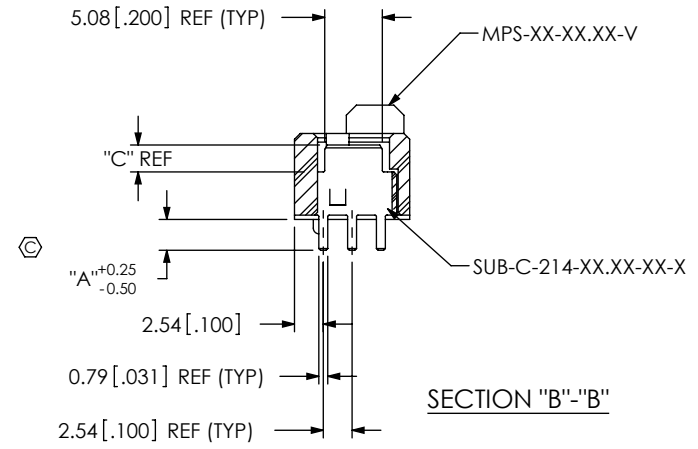
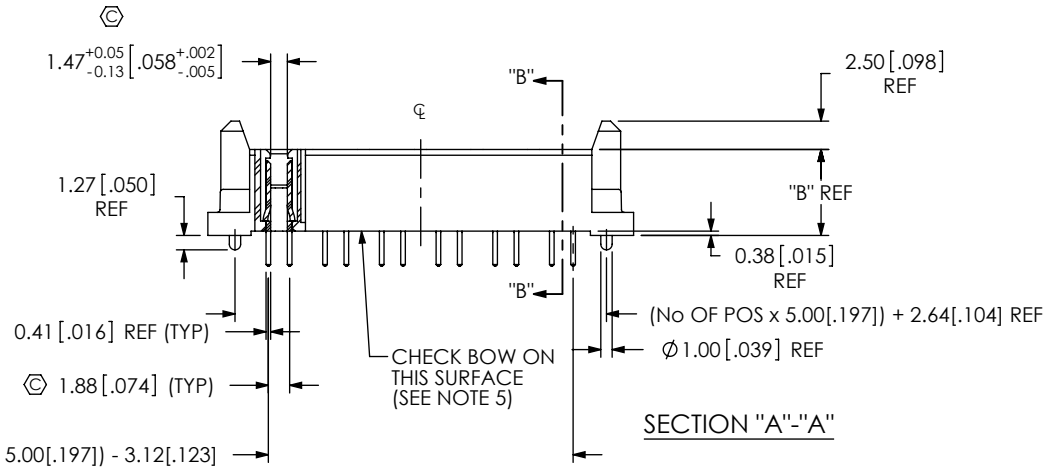
OPTION
-LC: LOCKING CLIP (USE LC-07-TM) (SEE FIG. 2, SHT 2)
** -HS: HOT SWAP (SEE FIG. 3, SHT 2)

VERTICAL

PLATING SPECIFICATION
-L: SEE TABLE 2
-T: SEE TABLE 2

FIG. 1
MPS-06-7.70-01-X-V SHOWN

* = NOT TOOLED
** = NOT RELEASED FOR PRODUCTION



PART NUMBER	BODY	CONTACT SUB-ASSEMBLY	"A"	"B"	"C"	STACK HEIGHT
						MPT-6.30-X-V-XX
MPS-XX-7.70-01-X-V-XX	MPS-XX-07.70-V	SUB-C-214-07.70-01-X	2.72 [.107]	7.58 [.298]	2.37 [.094]	14mm
* MPS-XX-7.70-02-X-V-XX	MPS-XX-07.70-V	SUB-C-214-07.70-02-X	4.32 [.170]			
MPS-XX-7.70-03-X-V-XX	MPS-XX-07.70-V	SUB-C-214-07.70-03-X	3.52 [.139]			
* MPS-XX-9.70-01-X-V-XX	MPS-XX-09.70-V	SUB-C-214-09.70-01-X	2.72 [.107]	9.58 [.377]	4.37 [.172]	16mm
* MPS-XX-9.70-02-X-V-XX	MPS-XX-09.70-V	SUB-C-214-09.70-02-X	4.32 [.170]			
* MPS-XX-9.70-03-X-V-XX	MPS-XX-09.70-V	SUB-C-214-09.70-03-X	3.52 [.139]			

* = NOT TOOLED
** = NOT RELEASED FOR PRODUCTION

NOTES:

- ⊕ REPRESENTS A CRITICAL DIMENSION.
- BURR ALLOWANCE: 0.038 [.0015] MAX.
- MINIMUM PUSHOUT FORCE: 4.45N [1.0 LB].
- PARTS TO BE PACKAGED IN TRAYS.
- BOW ALLOWED AT 0.002 MM/MM [.002 IN/IN].
- MINIMUM -LC PULL OUT FORCE: 2.23 N [0.5 LB]
- PARTS TO BE PACKAGED IN TRAYS.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE:
DECIMALS ANGLES
.X: ±0.3 [.01] 2°
.XX: ±0.13 [.005]
.XXX: ±0.051 [.0020]

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code: 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:5:1
INSULATOR: LCP, COLOR: BLACK
CONTACT: COPPER ALLOY

DESCRIPTION: VERTICAL MINI-POWER SOCKET

DWG. NO. MPS-XX-X.XX-XX-X-V-XX

BY: BRATCHER 2/15/2007 SHEET 1 OF 2

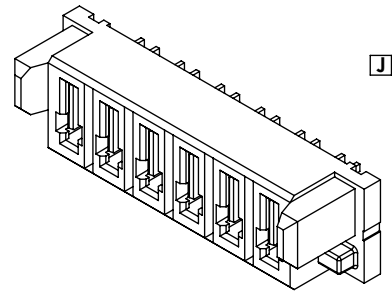
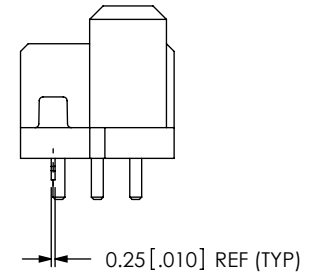
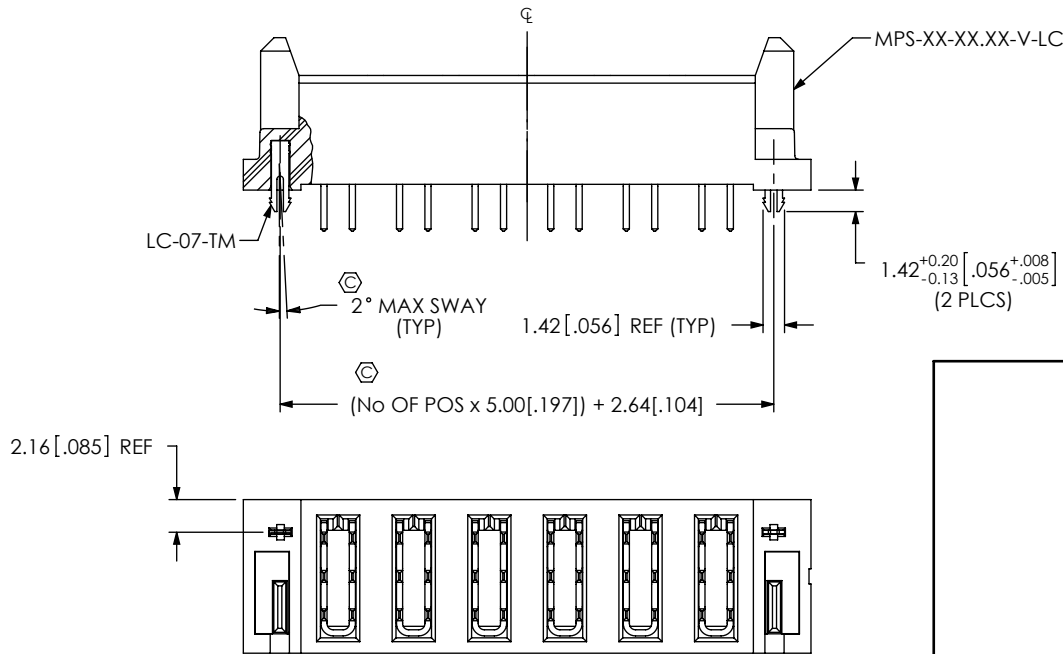


FIG. 2
MPS-06-7.70-0T-X-V-LC SHOWN
(SAME AS FIG. 1, UNLESS OTHERWISE STATED)



2.16 [.085] REF

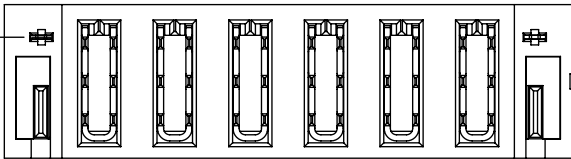


FIG. 3
MPS-06-7.70-0T-X-V-LC-HS SHOWN
(SAME AS FIG. 2, UNLESS OTHERWISE STATED)

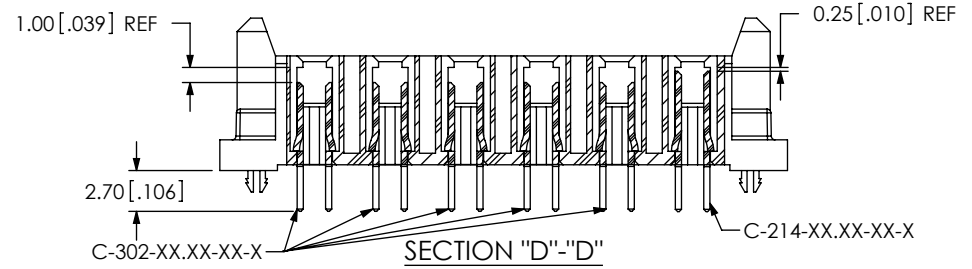
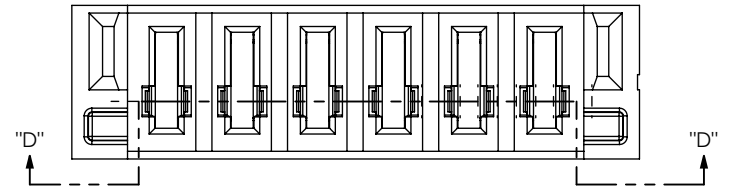


TABLE 2		
PLATING	POWER PIN CONTACT AREA	POWER PIN TAIL
-L	LIGHT GOLD	MATTE TIN
-T	MATTE TIN	MATTE TIN

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1



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

DESCRIPTION: VERTICAL MINI-POWER SOCKET

DWG. NO. MPS-XX-X.XX-XX-X-V-XX

BY: BRATCHER 2/15/2007 SHEET 2 OF 2