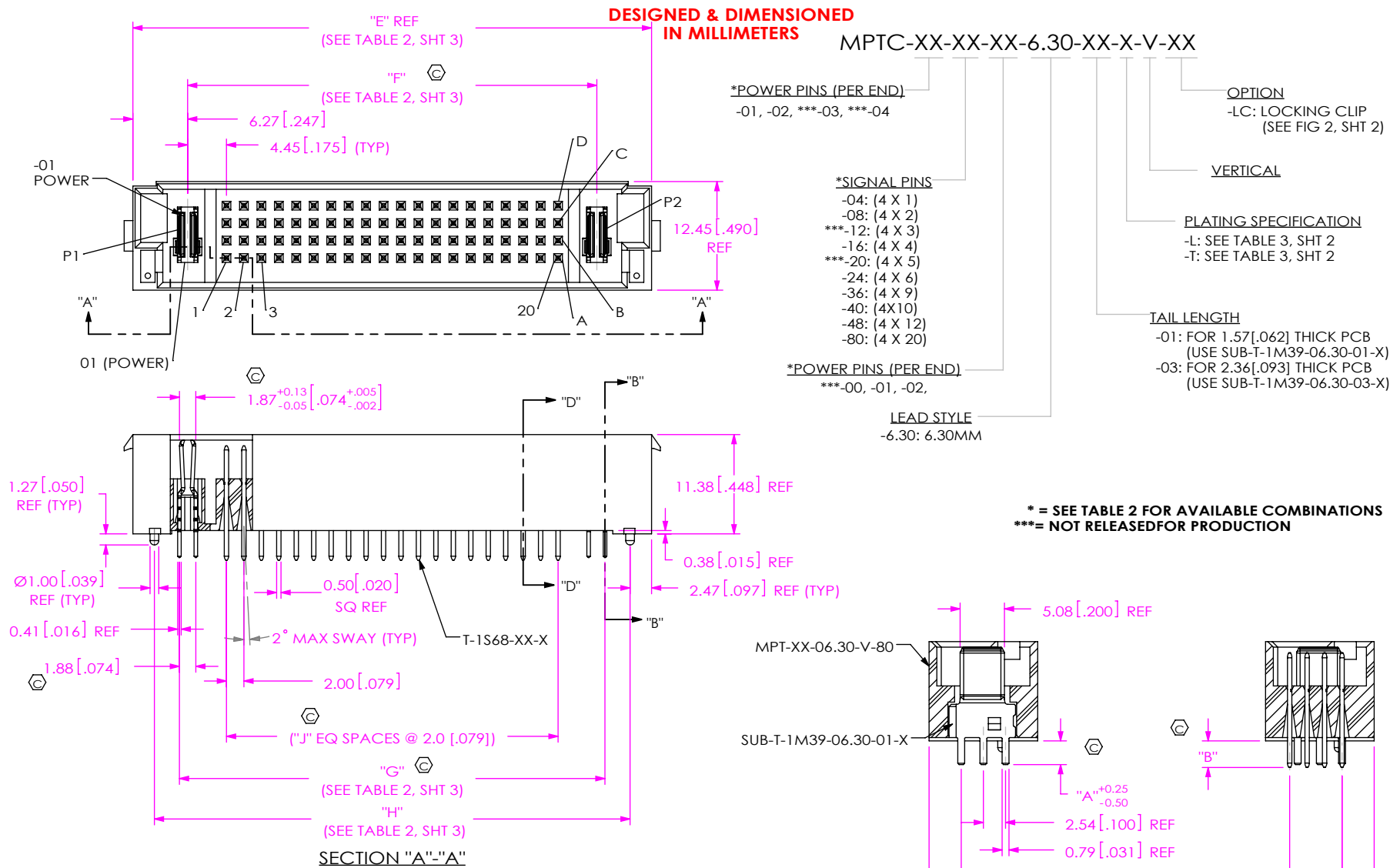


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THIS PRINT



| TABLE 1                      |                             |                 |              |              |
|------------------------------|-----------------------------|-----------------|--------------|--------------|
| PART NUMBER                  | POWER TERMINAL SUB-ASSEMBLY | SIGNAL TERMINAL | "A"          | "B"          |
| MPTC-XX-XX-XX-6.30-01-X-V-XX | SUB-T-1M39-06.30-01-X       | T-1S68-05-L     | 2.72 [0.107] | 3.05 [0.120] |
| MPTC-XX-XX-XX-6.30-03-X-V-XX | SUB-T-1M39-06.30-03-X       | T-1S68-10-L     | 3.51 [0.138] | 3.84 [0.151] |

NOTES:

1. REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: 0.038[.0015] MAX.
3. MINIMUM PUSHOUT FORCE: 2.22N [.5 LB].
4. PARTS TO BE PACKAGED IN TRAYS.
5. BOW ALLOWED AT 0.002 MM/MM [.002 IN/IN]
6. FOR -03 LEAD STYLE, SIGNAL PINS ARE TO BE SHEARED.  
MAX BURR: .10[.004]

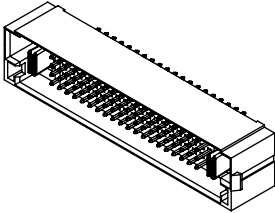
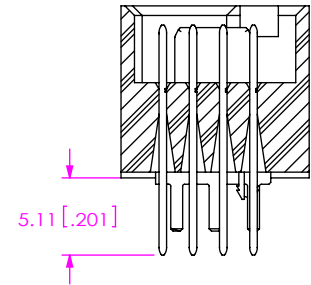


FIG 1  
MPTC-01-80-01-6.30-01-X-V SHOWN

|   |        |                     |        |                |    |                   |  |                      |  |   |   |
|---|--------|---------------------|--------|----------------|----|-------------------|--|----------------------|--|---|---|
| <p>UNLESS OTHERWISE SPECIFIED,<br/>DIMENSIONS ARE IN MILLIMETERS.</p> <p>TOLERANCES ARE:</p> <table><tr><td>DECIMALS</td><td>ANGLES</td></tr><tr><td>.X: ±0.3 [.01]</td><td>2°</td></tr><tr><td>.XX: ±0.13 [.005]</td><td></td></tr><tr><td>.XXX: ±0.051 [.0020]</td><td></td></tr></table> |        | DECIMALS            | ANGLES | .X: ±0.3 [.01] | 2° | .XX: ±0.13 [.005] |  | .XXX: ±0.051 [.0020] |  | <p><b>PROPRIETARY NOTE</b></p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.</p> | <p>520 PARK EAST BLVD, NEW ALBANY, IN 47150<br/>PHONE: 812-944-6733 FAX: 812-948-5047<br/>e-Mail: info@SAMTEC.com code: 55322</p> |
| DECIMALS  | ANGLES |                     |        |                |    |                   |  |                      |  |   |   |
| .X: ±0.3 [.01]  | 2°     |                     |        |                |    |                   |  |                      |  |   |   |
| .XX: ±0.13 [.005]   |        |                     |        |                |    |                   |  |                      |  |   |   |
| .XXX: ±0.051 [.0020]  |        |                     |        |                |    |                   |  |                      |  |   |   |
| <p><b>MATERIAL:</b> DO NOT SCALE DRAWING SHEET SCALE: 1:0.666667</p> <p>INSULATOR: LCP, UL 94 V0, COLOR: BLACK<br/>TERMINAL: COPPER ALLOY<br/>SIGNAL PIN: PHOS BRONZE</p>   |        |                     |        |                |    |                   |  |                      |  |   |   |
| <p>DESCRIPTION:</p> <p>VERTICAL POWER TERMINAL</p>  |        |                     |        |                |    |                   |  |                      |  |   |   |
| <p>DWG. NO.</p> <p>MPTC-XX-XX-XX-6.30-XX-X-V-XX</p>   |        |                     |        |                |    |                   |  |                      |  |   |   |
| <p>BY: CLAY W 2/2/2007</p>  |        | <p>SHEET 1 OF 3</p> |        |                |    |                   |  |                      |  |   |   |



IN PROCESS 1  
-03 TAIL LENGTH ONLY

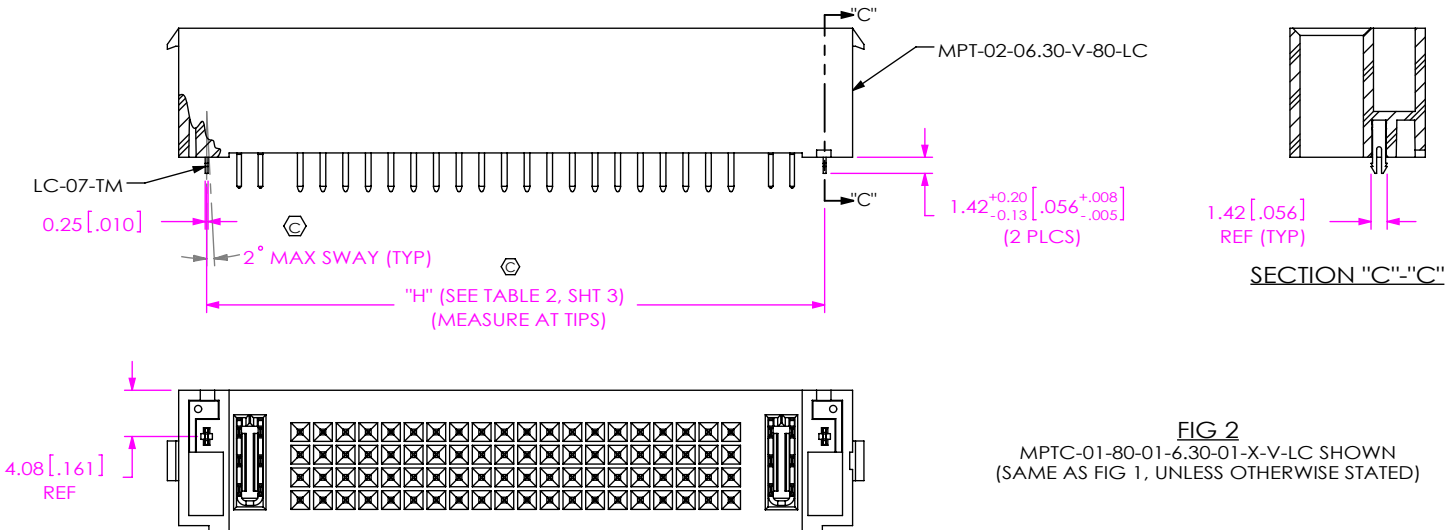


FIG 2  
MPTC-01-80-01-6.30-01-X-V-LC SHOWN  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

| TABLE 3 |                        |                |                         |                 |
|---------|------------------------|----------------|-------------------------|-----------------|
| PLATING | POWER PIN CONTACT AREA | POWER PIN TAIL | SIGNAL PIN CONTACT AREA | SIGNAL PIN TAIL |
| -L      | 10µ" GOLD              | MATTE TIN      | 10µ" GOLD               | MATTE TIN       |
| -T      | MATTE TIN              | MATTE TIN      | 10µ" GOLD               | MATTE TIN       |

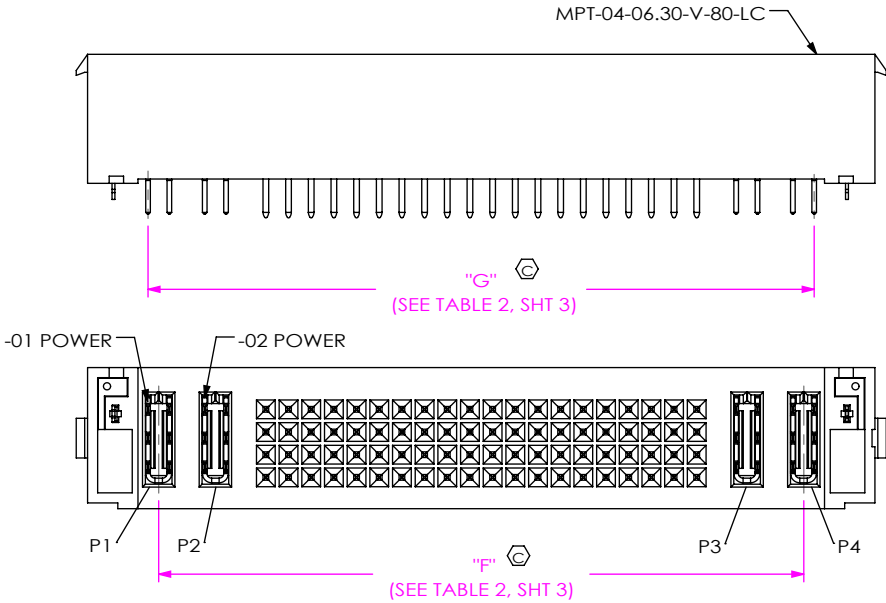


FIG 3  
MPTC-02-80-02-6.30-01-X-V-LC SHOWN  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

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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

DESCRIPTION:  
VERTICAL POWER TERMINAL

DWG. NO.  
MPTC-XX-XX-XX-6.30-XX-X-V-XX

BY: CLAY W 2/2/2007 SHEET 2 OF 3

| TABLE 2                         |                      |               |               |               |               |     |
|---------------------------------|----------------------|---------------|---------------|---------------|---------------|-----|
| PART NUMBER                     | BODY                 | "E"           | "F"           | "G"           | "H"           | "J" |
| MPTC-01-04-01-X-XX-XX-X-V-XX    | MPT-02-06.30-V-04    | 21.44 [0.844] | 8.89 [0.350]  | 10.77 [0.424] | 16.51 [0.650] | N/A |
| MPTC-02-04-02-X-XX-XX-X-V-XX    | MPT-04-06.30-V-04    | 31.44 [1.238] | 18.89 [0.744] | 20.77 [0.818] | 26.51 [1.044] | N/A |
| MPTC-01-08-01-X-XX-XX-X-V-XX    | MPT-02-06.30-V-08    | 23.44 [0.923] | 10.89 [0.429] | 12.77 [0.503] | 18.51 [0.729] | 1   |
| MPTC-02-08-02-X-XX-XX-X-V-XX    | MPT-04-06.30-V-08    | 33.44 [1.317] | 20.89 [0.822] | 22.77 [0.896] | 28.51 [1.122] | 1   |
| MPTC-01-16-01-X-XX-XX-X-V-XX    | MPT-02-06.30-V-16    | 27.44 [1.080] | 14.89 [0.586] | 16.77 [0.660] | 22.51 [0.886] | 3   |
| MPTC-02-16-02-X-XX-XX-X-V-XX    | MPT-04-06.30-V-16    | 37.44 [1.474] | 24.89 [0.980] | 26.77 [1.054] | 32.51 [1.280] | 3   |
| MPTC-01-24-01-X-XX-XX-X-V-XX    | MPT-02-06.30-V-24    | 31.45 [1.238] | 18.91 [0.744] | 20.79 [0.819] | 26.52 [1.044] | 5   |
| MPTC-02-24-02-X-XX-XX-X-V-XX    | MPT-04-06.30-V-24    | 41.45 [1.632] | 28.91 [1.138] | 30.79 [1.212] | 36.52 [1.438] | 5   |
| MPTC-01-36-01-X-XX-XX-X-V-XX    | MPT-02-06.30-V-36    | 37.44 [1.474] | 24.89 [0.980] | 26.77 [1.054] | 32.51 [1.280] | 8   |
| MPTC-02-36-02-X-XX-XX-X-V-XX    | MPT-04-06.30-V-36    | 47.44 [1.868] | 34.89 [1.374] | 36.77 [1.448] | 42.51 [1.674] | 8   |
| MPTC-02-40-02-X-XX-XX-X-V-XX    | MPT-04-06.30-V-40    | 49.44 [1.946] | 36.89 [1.452] | 38.77 [1.526] | 44.51 [1.752] | 9   |
| MPTC-01-48-01-X-XX-XX-X-V-XX    | MPT-02-06.30-V-48    | 43.44 [1.710] | 30.89 [1.216] | 32.77 [1.290] | 38.51 [1.516] | 11  |
| MPTC-02-48-02-X-XX-XX-X-V-XX    | MPT-04-06.30-V-48    | 53.44 [2.104] | 40.89 [1.610] | 42.77 [1.684] | 48.51 [1.910] | 11  |
| MPTC-01-80-01-X-XX-XX-X-V-XX    | MPT-02-06.30-V-80    | 59.44 [2.340] | 46.89 [1.846] | 48.77 [1.920] | 54.51 [2.146] | 19  |
| MPTC-02-80-02-X-XX-XX-X-V-XX    | MPT-04-06.30-V-80    | 69.44 [2.734] | 56.89 [2.240] | 58.77 [2.314] | 64.51 [2.540] | 19  |
| ***MPTC-03-12-00-X-XX-XX-X-V-XX | MPT-03-06.30-V-12-PS | 31.44 [1.238] | N/A           | N/A           | 26.51 [1.044] | 2   |
| ***MPTC-04-12-00-X-XX-XX-X-V-XX | MPT-04-06.30-V-12-PS | 36.44 [1.435] | N/A           | N/A           | 31.51 [1.241] | 2   |
| ***MPTC-03-16-00-X-XX-XX-X-V-XX | MPT-03-06.30-V-16-PS | 33.44 [1.317] | N/A           | N/A           | 28.51 [1.122] | 3   |
| ***MPTC-04-16-00-X-XX-XX-X-V-XX | MPT-04-06.30-V-16-PS | 38.44 [1.513] | N/A           | N/A           | 33.51 [1.319] | 3   |
| ***MPTC-03-20-00-X-XX-XX-X-V-XX | MPT-03-06.30-V-20-PS | 35.44 [1.395] | N/A           | N/A           | 30.51 [1.201] | 4   |
| ***MPTC-04-20-00-X-XX-XX-X-V-XX | MPT-04-06.30-V-20-PS | 40.44 [1.592] | N/A           | N/A           | 35.51 [1.398] | 4   |
| ***MPTC-03-24-00-X-XX-XX-X-V-XX | MPT-03-06.30-V-24-PS | 37.44 [1.474] | N/A           | N/A           | 32.51 [1.280] | 5   |
| ***MPTC-04-24-00-X-XX-XX-X-V-XX | MPT-04-06.30-V-24-PS | 42.44 [1.671] | N/A           | N/A           | 37.51 [1.477] | 5   |

(\*\*\* = NOT RELEASED)

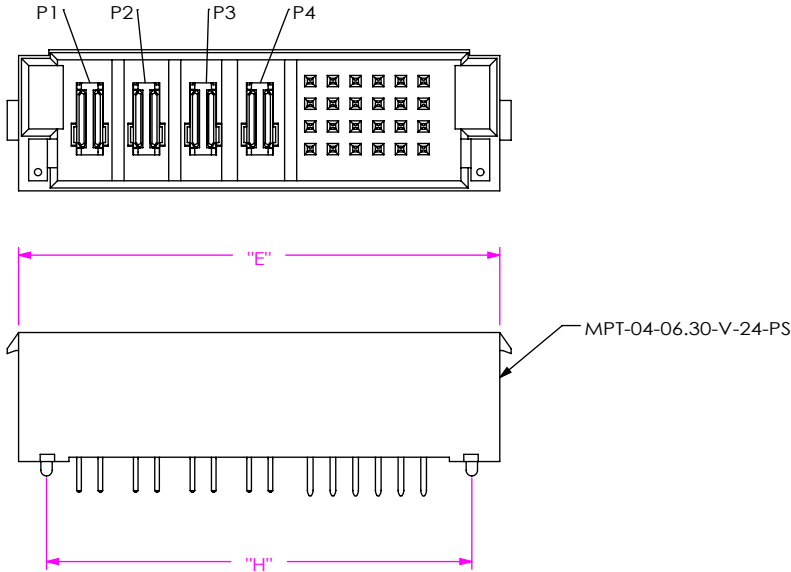


FIG 6  
MPTC-04-24-00-6.30-01-X-V SHOWN  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)  
(NOT RELEASED)

F:\DWG\MISC\MKTG\MPTC-XX-XX-XX-6.30-XX-X-V-XX-MKT.SLDDRW

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