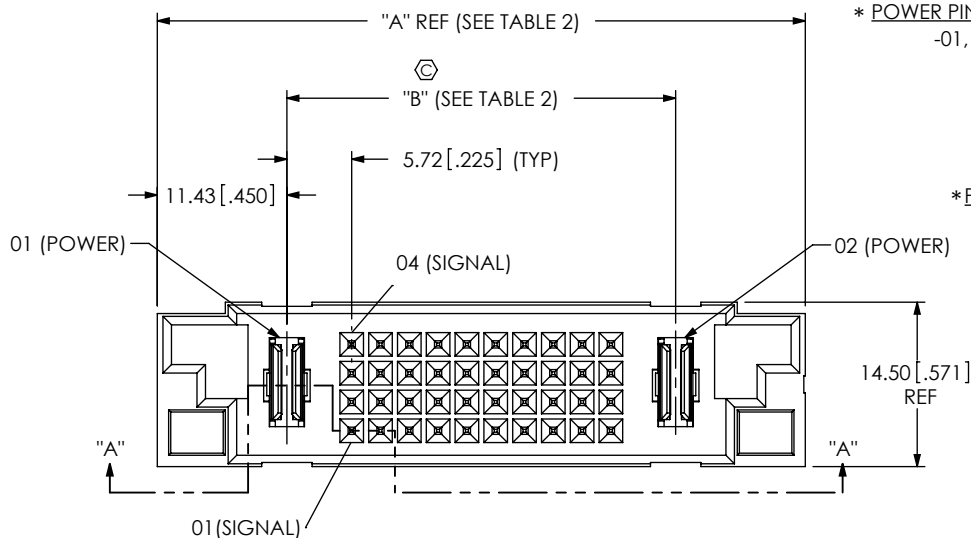


DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

PETC-XX-XX-XX-01-X-VT-XX-X

DO NOT
SCALE FROM
THIS PRINT



* POWER PINS (PER END 1)
-01, -02, -04

* SIGNAL PINS
-12, -40

* POWER PINS (PER END 2)
-01, -02, -04

LEAD STYLE
-01

OPTION
-L: LATCH EARS
(SEE FIG 5, SHT 3)

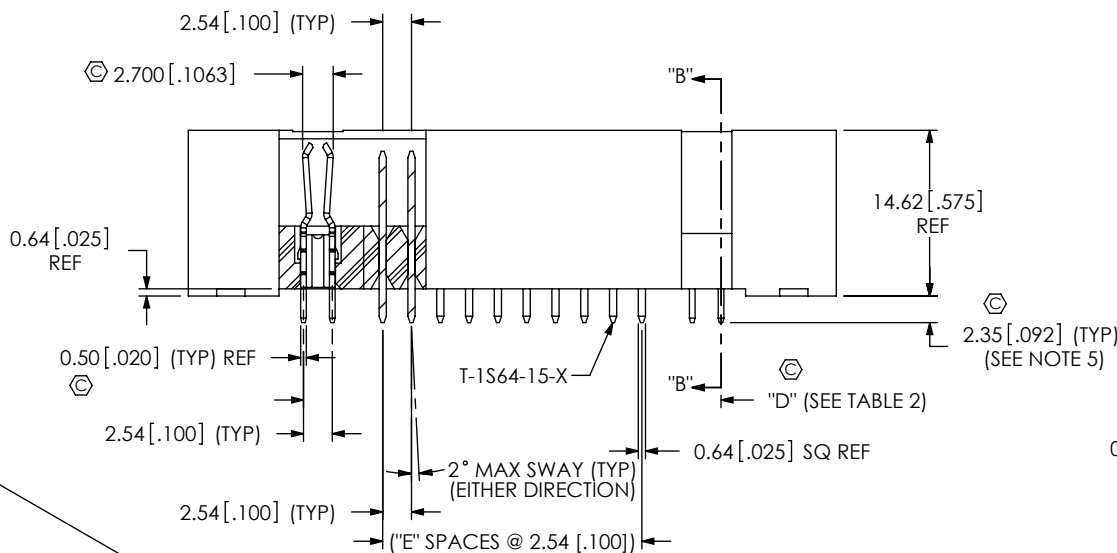
OPTION
-LC: LOCKING CLIP
(USE LC-11-TM)
(SEE FIG 2, SHT 2)

VERTICAL

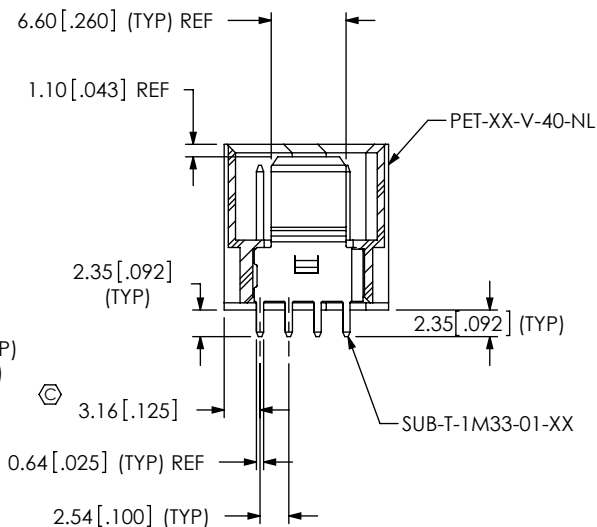
PLATING SPECIFICATION

-S: 30μ" SELECTIVE GOLD IN CONTACT
AREA, MATTE TIN ON TAIL
-T: MATTE TIN CONTACT AND TAIL
-L: 10μ" SELECTIVE GOLD IN
CONTACT AREA, MATTE TIN ON TAIL

* - SEE TABLE 1 FOR AVAILABLE COMBINATIONS

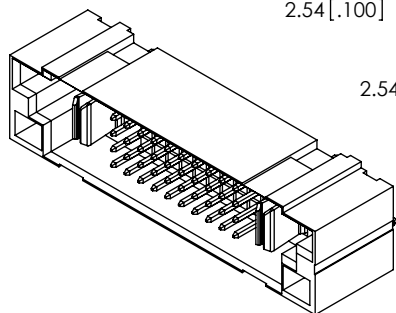


SECTION "A"- "A"



SECTION "B"- "B"

FIG 1
PETC-01-40-01-01-X-VT SHOWN



NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: 0.13 [.005] MAX.
3. MINIMUM PUSHOUT FORCE: 2.22N [.5 LB].
4. PARTS TO BE PACKAGED IN TRAYS.
5. DIMENSION INCLUDES BOTH POWER AND SIGNAL PINS.

TABLE 1		
PART NUMBER	MAX	"E"
PETC-01-12-01-01-X-VT-XX	0.15 [.006]	2
PETC-02-12-02-01-X-VT-XX	0.20 [.008]	2
PETC-04-12-04-01-X-VT-XX	0.20 [.008]	2
PETC-01-40-01-01-X-VT-XX	0.15 [.006]	9
PETC-02-40-02-01-X-VT-XX	0.20 [.008]	9
PETC-04-40-04-01-X-VT-XX	0.20 [.008]	9

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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CONSENT OF SAMTEC, INC.

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:0.666667

INSULATOR: LCP, COLOR: BLACK
TERMINAL: COPPER ALLOY

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.

PETC-XX-XX-XX-01-X-VT-XX-X

BY: CLAY W 1/11/2006

SHEET 1 OF 3

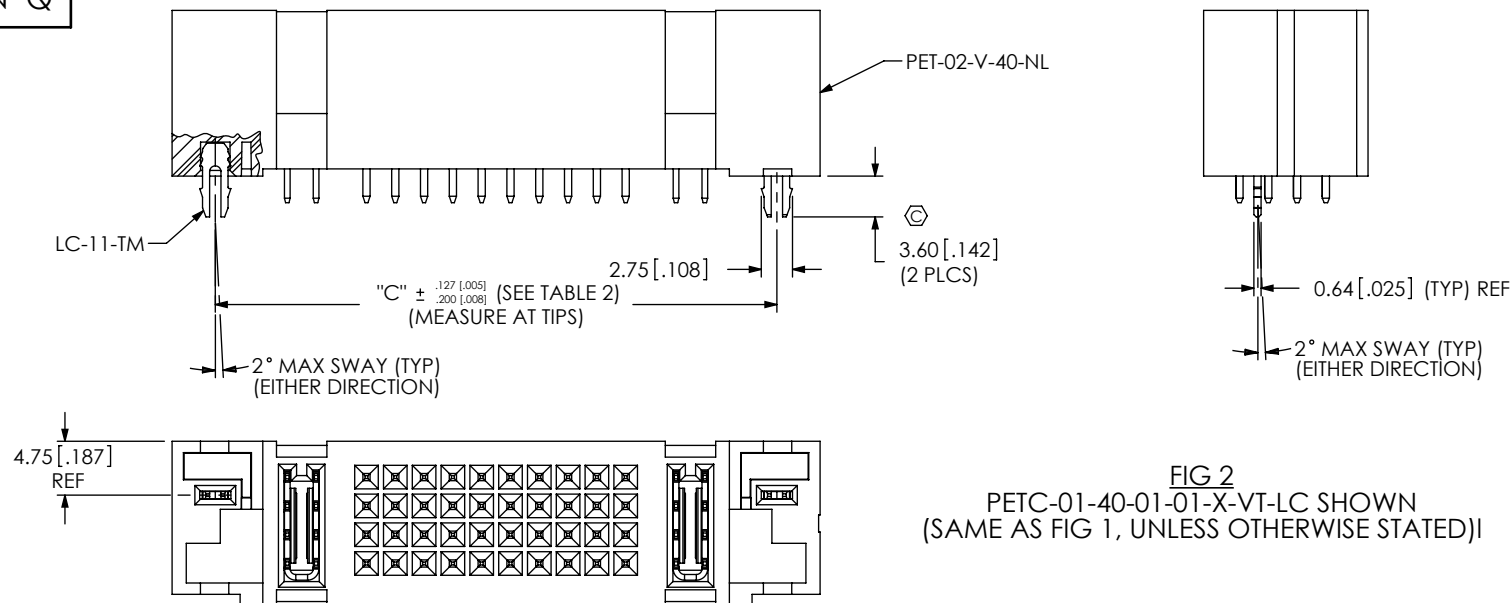


FIG 2
PETC-01-40-01-01-X-VT-LC SHOWN
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

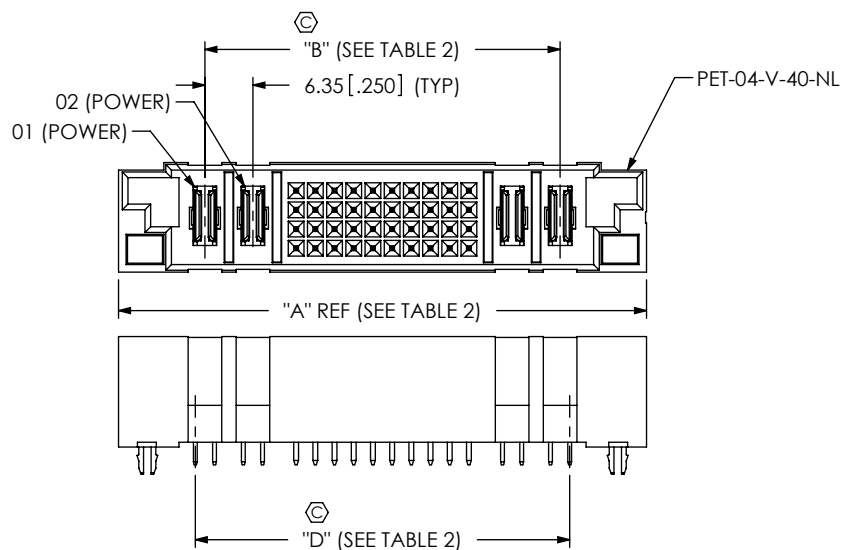


FIG 3
PETC-02-40-02-01-X-VT-LC SHOWN
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

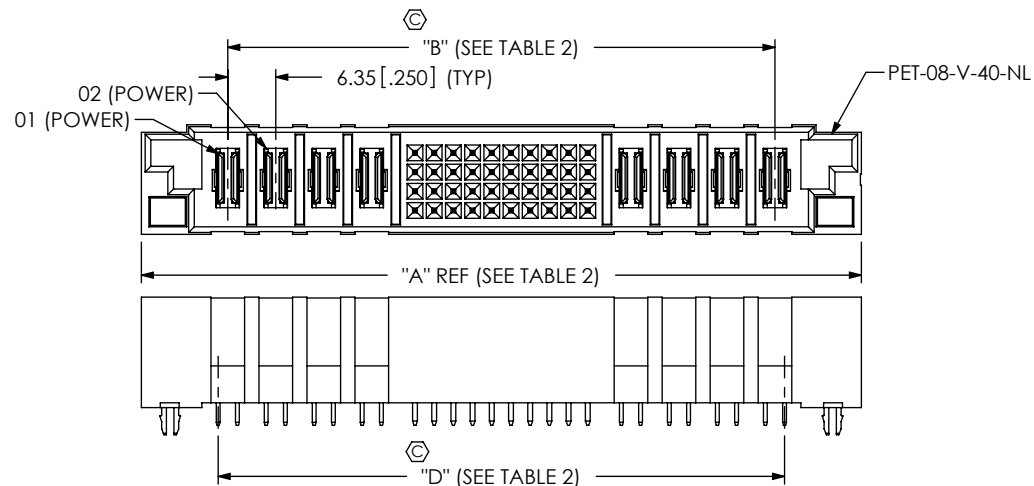


FIG 4
PETC-04-40-04-01-X-VT-LC SHOWN
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

TABLE 2				
PART NUMBER	"A"	"B"	"C"	"D"
PETC-01-12-01-01-X-VT-XX	39.37 [1.550]	16.51 [0.650]	31.75 [1.250]	19.05 [0.750]
PETC-02-12-02-01-X-VT-XX	52.07 [2.050]	29.21 [1.150]	44.45 [1.750]	31.75 [1.250]
PETC-04-12-04-01-X-VT-XX	77.47 [3.050]	54.61 [2.150]	69.85 [2.750]	57.15 [2.250]
PETC-01-40-01-01-X-VT-XX	57.15 [2.250]	34.29 [1.350]	49.53 [1.950]	36.83 [1.450]
PETC-02-40-02-01-X-VT-XX	69.85 [2.750]	46.99 [1.850]	62.23 [2.450]	49.53 [1.950]
PETC-04-40-04-01-X-VT-XX	95.25 [3.750]	72.39 [2.850]	87.63 [3.450]	74.93 [2.950]

F:\DWG\MISC\MKTG\PETC-XX-XX-XX-01-X-VT-XX-X-MKT.SLDDRW

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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.

PETC-XX-XX-XX-01-X-VT-XX-X

BY: CLAY W

1/11/2006

SHEET 2 OF 3

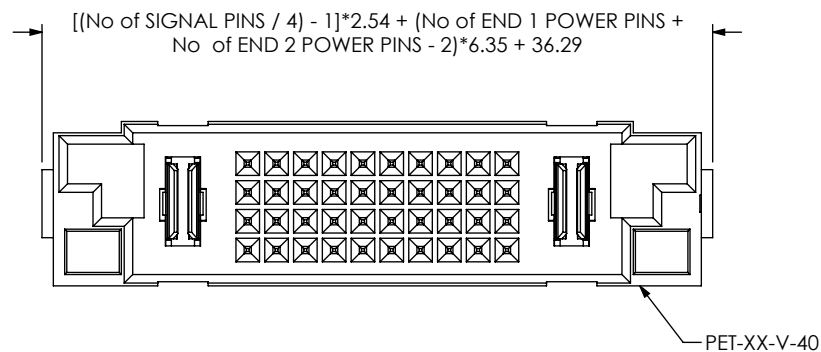


FIG 5
PETC-01-40-01-01-X-VT-XX-L SHOWN
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

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

DESCRIPTION:
VERTICAL POWER TERMINAL

DWG. NO.
PETC-XX-XX-XX-01-X-VT-XX-X

BY: CLAY W 1/11/2006 SHEET 3 OF 3

Mouser Electronics

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