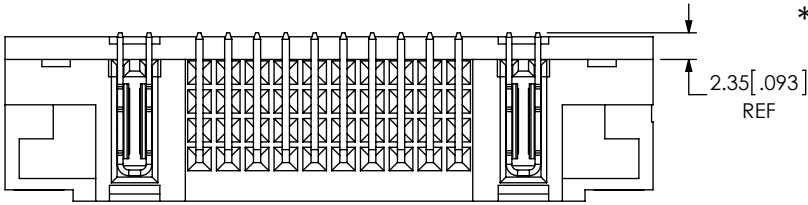


DO NOT  
SCALE FROM  
THIS PRINT

DESIGNED & DIMENSIONED  
IN MILLIMETERS[INCHES]

PETC-XX-XX-XX-01-X-RA-XX-X



\* POWER POSITIONS (PER END)  
-01, -02, -04

\* SIGNAL POSITIONS  
-12  
-40

\* POWER POSITIONS (PER END)  
-01, -02, -04

LEAD STYLE  
-01

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

OPTION \*\*  
-SD: SCREW DOWN  
(SEE FIG 1, SHT 1)  
-LC: LOCKING CLIP  
(USE LC-11-TM)  
(SEE FIG 2, SHT 2)

RIGHT ANGLE

PLATING SPECIFICATION

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

\* - SEE TABLE 1 FOR AVAILABLE COMBINATIONS  
\*\* - BLANK ONLY FOR EXISTING CUSTOMERS

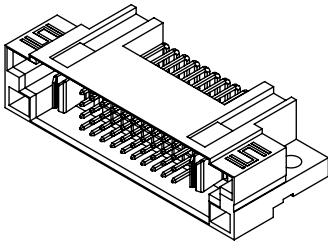
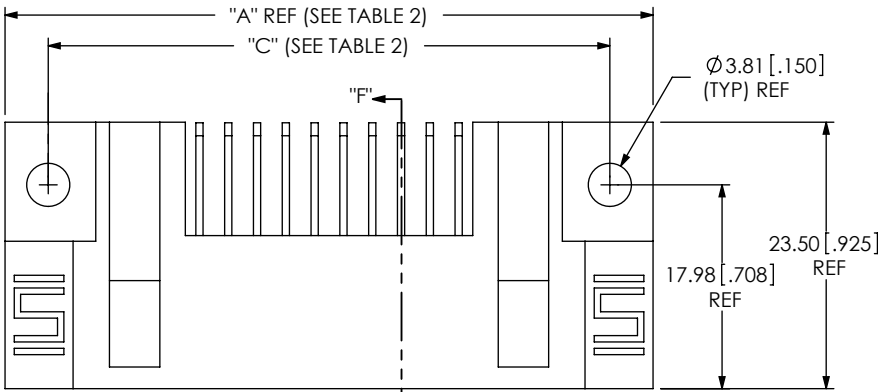
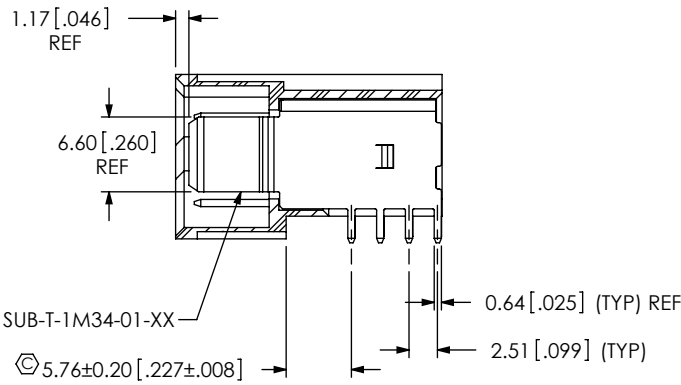
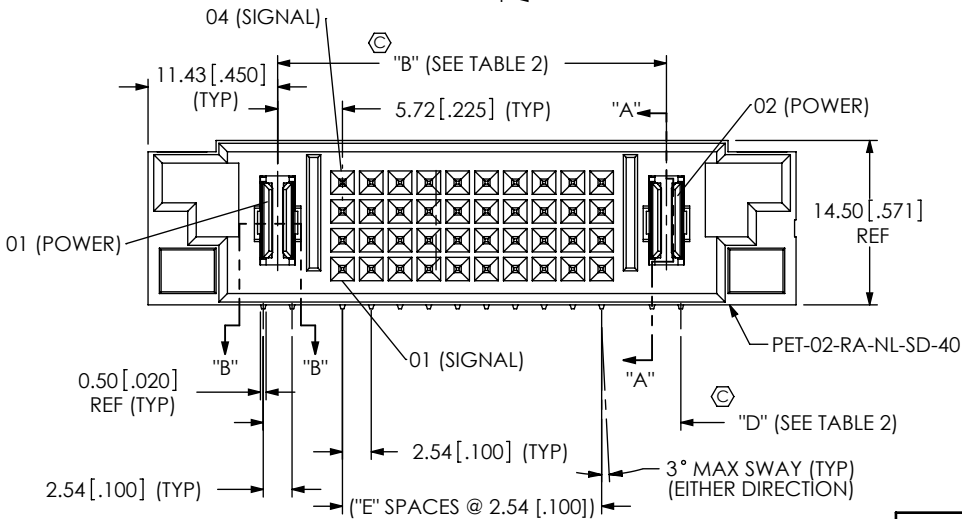


TABLE 1			
PART NUMBER	MAX	"E"	
PETC-01-40-01-01-X-RA-XX	0.15 [.006]	9	
PETC-02-40-02-01-X-RA-XX	0.15 [.006]	9	
PETC-04-40-04-01-X-RA-XX	0.20 [.008]	9	
PETC-01-12-01-01-X-RA-XX	0.15 [.006]	2	
PETC-02-12-02-01-X-RA-XX	0.15 [.006]	2	
PETC-04-12-04-01-X-RA-XX	0.15 [.006]	2	



SECTION "A"-"A"

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM BURR ALLOWANCE: 0.13[.005]
3. MINIMUM PUSHOUT FORCE: 2.22N [.5 LB].
4. PARTS TO BE PACKAGED IN TRAYS.
5. PARTS PLACED IN TRAY WITH PIN #1 FACING THE RIGHT SIDE, DUE TO PIN NUMBERING ORDER.
6. IF EMPTY SPACE EXISTS IN THE TRAY POCKETS, INSERT A PLUG TP-07 PLACED IN THE POCKET SO THAT THE FLAT EDGE LAYS FLAT IN THE BOTTOM OF THE POCKET AND THE PLUG IS AGAINST THE CONNECTOR.
7. RECOMMENDED TORQUE ON HOLD DOWN SCREWS TO BE 20 IN-OZ.

FIG 1  
PETC-01-40-01-X-RA-SD SHOWN

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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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:0.666667  
INSULATOR: LCP, COLOR: BLACK  
TERMINAL: COPPER ALLOY



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

DESCRIPTION:  
RIGHT ANGLE POWER TERMINAL

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

BY: CLAY W 1/12/2006 SHEET 1 OF 3

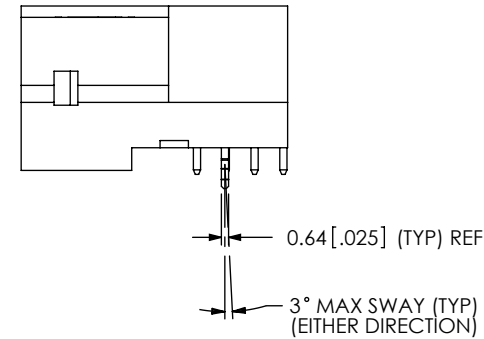
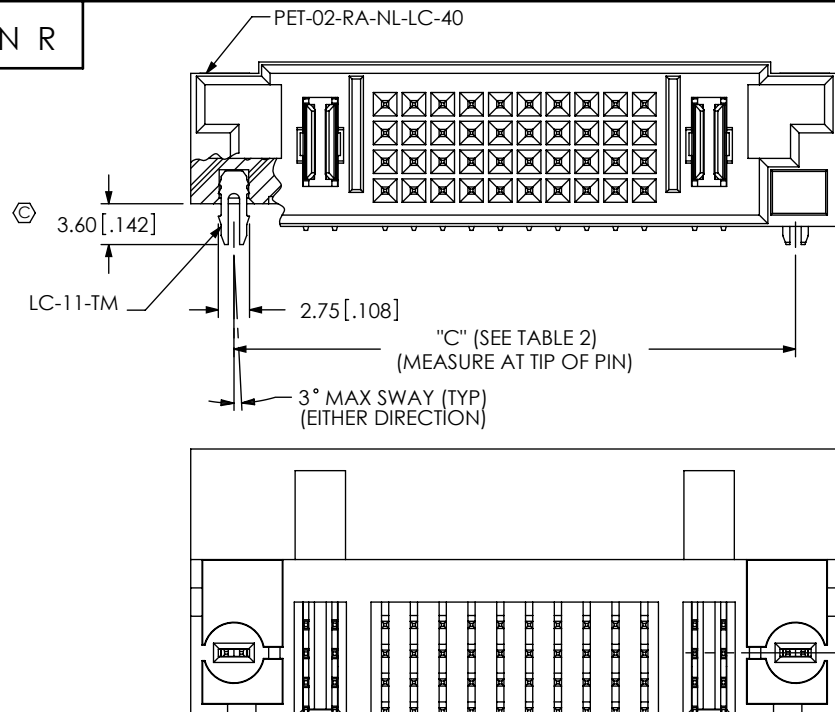


FIG 2  
PETC-01-40-01-01-X-RA-LC SHOWN  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

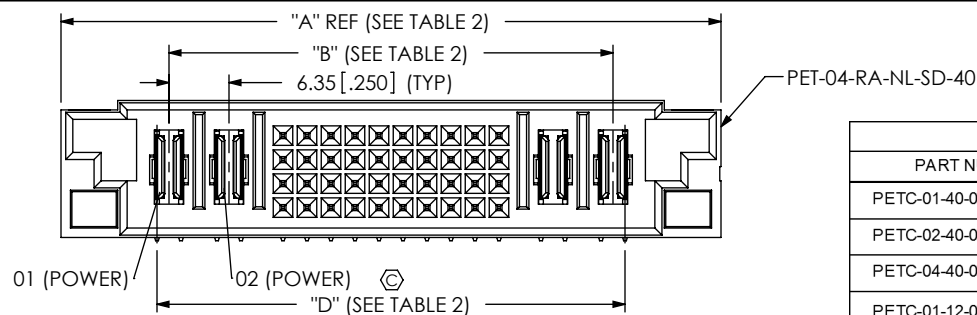


FIG 3  
PETC-02-40-02-01-X-RA-SD SHOWN  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

TABLE 2										
PART NUMBER	"A"	"B"			"C"			"D"		
PETC-01-40-01-01-X-RA-XX	57.15 [2.250]	34.29	+0.20 -0.13	[1.350]	+0.008 -0.005	49.53	+0.05 -0.30	[1.950]	+0.002 -0.012	36.83 ±0.20 [1.450] ±0.008
PETC-02-40-02-01-X-RA-XX	69.85 [2.750]	46.99	+0.20 -0.13	[1.850]	+0.008 -0.005	62.23	+0.05 -0.35	[2.450]	+0.002 -0.014	49.53 ±0.20 [1.950] ±0.008
PETC-04-40-04-01-X-RA-XX	95.25 [3.750]	72.39	+0.25 -0.13	[2.850]	+0.010 -0.005	87.63		[3.450]		74.93 ±0.20 [2.950] ±0.008
PETC-01-12-01-01-X-RA-XX	39.37 [1.550]	16.51	+0.20 -0.13	[0.650]	+0.008 -0.005	31.75	+0.05 -0.35	[1.250]	+0.002 -0.014	19.05 ±0.20 [0.750] ±0.008
PETC-02-12-02-01-X-RA-XX	52.07 [2.050]	29.21	+0.20 -0.13	[1.150]	+0.008 -0.005	44.45	+0.05 -0.35	[1.750]	+0.002 -0.014	31.75 ±0.20 [1.250] ±0.008
PETC-04-12-04-01-X-RA-XX	77.47 [3.050]	54.61	+0.20 -0.13	[2.150]	+0.008 -0.005	69.85	+0.05 -0.35	[2.750]	+0.002 -0.014	57.15 ±0.20 [2.250] ±0.008

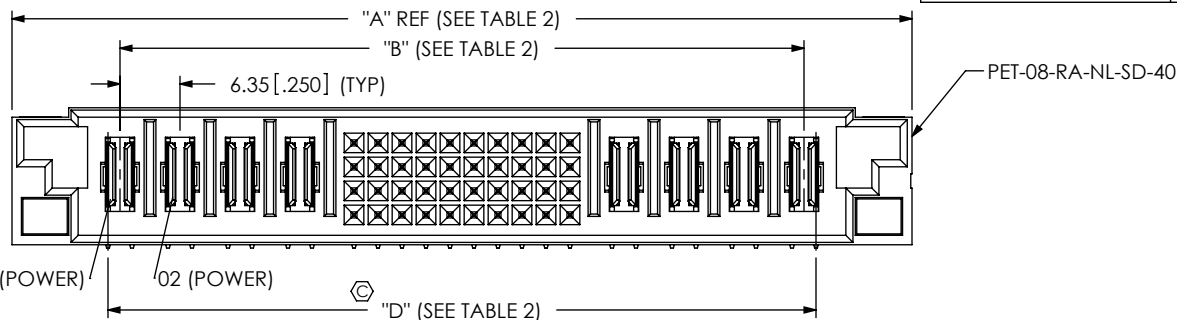


FIG 4  
PETC-04-40-04-01-X-RA-SD SHOWN  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

F:\DWG\MISC\MKTG\PETC-XX-XX-XX-01-X-RA-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:

RIGHT ANGLE POWER TERMINAL

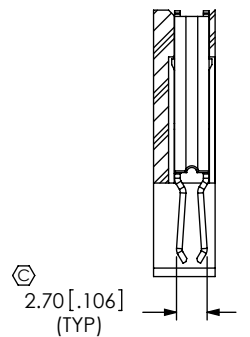
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PETC-XX-XX-XX-01-X-RA-XX-X

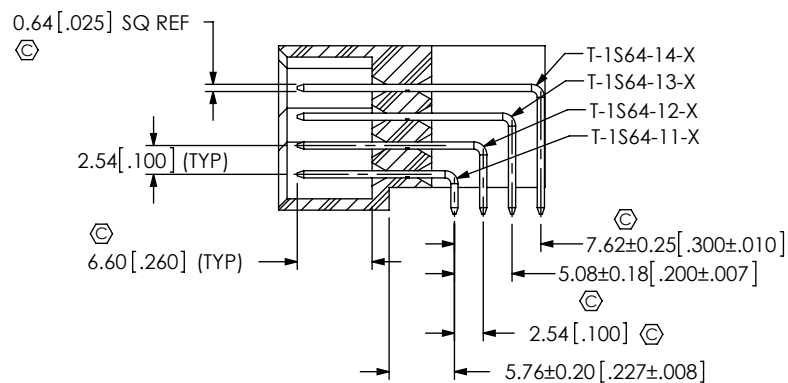
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1/12/2006

SHEET 2 OF 3



SECTION "B"-"B"



SECTION "F"-"F"

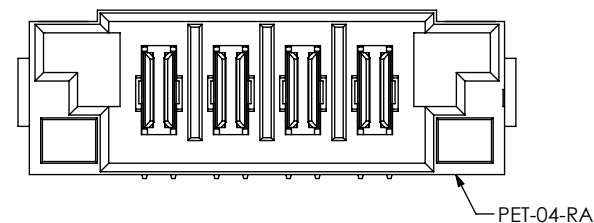


FIG 5  
PETC-04-XX-X-RA-L SHOWN  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

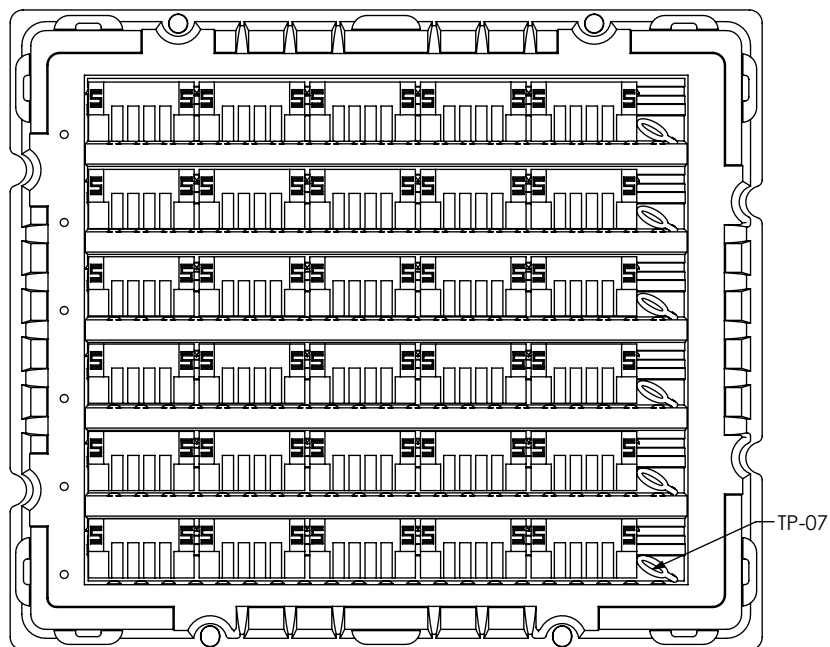
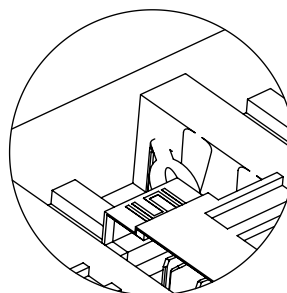
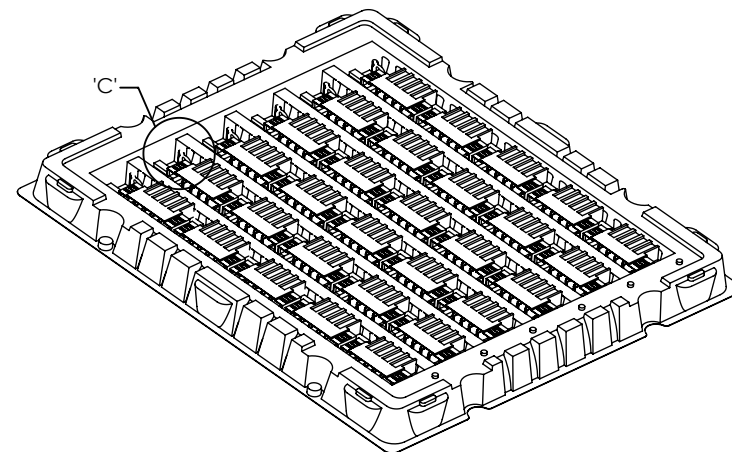


FIG 6  
TRAY VIEW  
(SEE NOTE 6)



DETAIL 'C'  
SCALE 1:1



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RIGHT ANGLE POWER TERMINAL

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BY: CLAY W 1/12/2006 SHEET 3 OF 3