

DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

DO NOT
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THIS PRINT

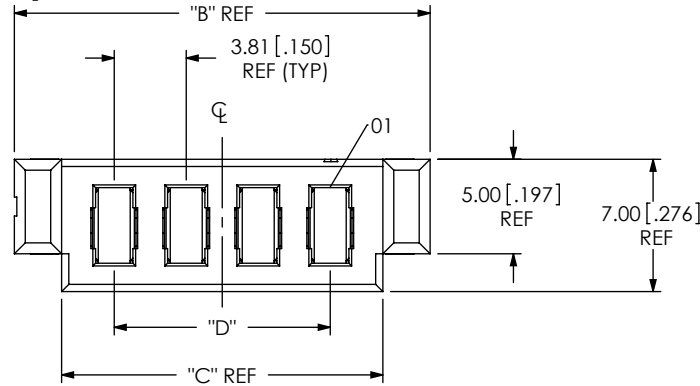
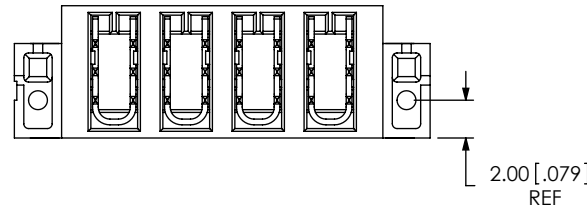
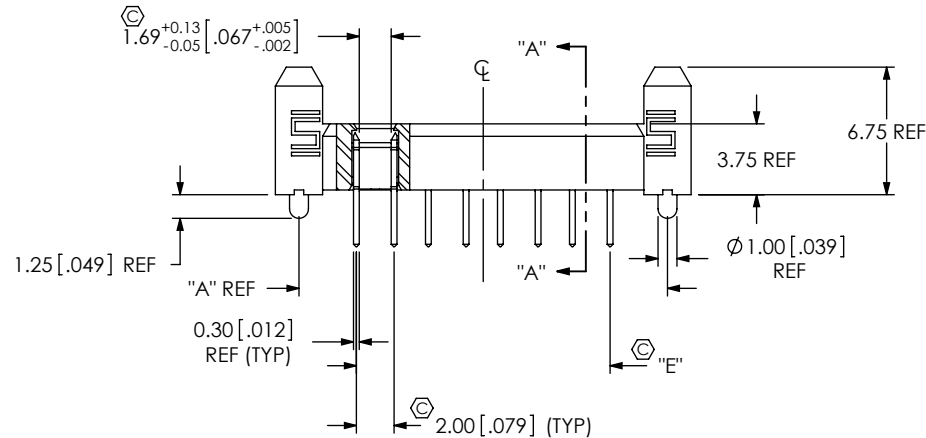


FIG 1
(UPS-04-04.0-01-X-V SHOWN)



UPS-XX-XX.X-XX-X-XX-XX-XX

No. OF POSITIONS

- 02: 2 POSITIONS
- 04: 4 POSITIONS
- 06: 6 POSITIONS
- 08: 8 POSITIONS

HEIGHT

- 04.0: (USE SUB-C-258-04.0-XX-X)
(SEE FIG. 1)
- 07.0: (USE SUB-C-258-07.0-XX-X)
(SEE FIG. 2)

TAIL LENGTH

- 01: FOR 1.57 [.062] THICK PCB (SEE FIG. 1)
(USE SUB-C-258-XX.XX-01-X)
- 02: FOR 2.36 [.093] THICK PCB (SEE FIG. 2)
(USE SUB-C-258-XX.XX-02-X)
- 03: PRESS-FIT FOR 1.57 [.062] THICK PCB AND UP
(USE SUB-C-341-XX.X-X)(SEE FIG. 3)
(ONLY AVAILABLE WITH -PV)
(SEE NOTE 7)

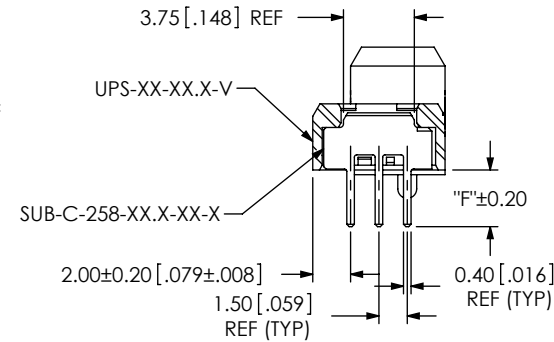
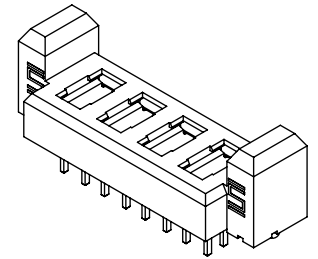
OPTION
-TR: TAPE & REEL

OPTION
-LC: LOCKING CLIP
(ONLY AVAILABLE WITH -V)

TAIL OPTION
-V: VERTICAL
-PV: PRESS-FIT VERTICAL
(ONLY AVAILABLE ON -03
TAIL LENGTH)

PLATING

- L: 10 µ" SELECTIVE GOLD IN
CONTACT AREA, MATTE TIN ON TAIL
- T: MATTE TIN CONTACT AND TAIL
(ONLY AVAILABLE WITH -PV)



SECTION "A"-"A"

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: 0.038 [.0015] MAX.
3. MINIMUM PUSHOUT FORCE: 4.45N [1.0 LB].
4. MAXIMUM BOW: 0.15 [.006].
5. MINIMUM -LC PULL OUT FORCE: 2.23 N [0.5 LB]
6. PARTS TO BE PACKAGED IN TUBES.
7. APPLICATION TOOLING REQUIRED FOR PV TAIL LENGTH.
CONTACT IPG. FLAT BAR TOOLING FOR THE UPPER TOOL
MAY BE USED. REFERENCE DIMENSION "C" MINUS 1.25MM
FOR LENGTH, 7.00MM FOR WIDTH, AND 3.5MM FOR HEIGHT.

TABLE 2	
TAIL LENGTH	"F"
-01	3.00 [.118]
-02	3.75 [.148]
-03	2.39 [.094]

TABLE 1					
PART NUMBER	"A"	"B"	"C"	"D"	"E"
UPS-02-XX.X-XX-X-XX-XX	11.88 [.468]	14.38 [.566]	9.38 [.369]	3.81 [.150]	5.82 [.229]
UPS-04-XX.X-XX-X-XX-XX	19.50 [.768]	22.00 [.866]	17.00 [.669]	11.43 [.450]	13.44 [.529]
UPS-06-XX.X-XX-X-XX-XX	27.12 [1.068]	29.62 [1.166]	24.62 [.969]	19.05 [.750]	21.06 [.829]
UPS-08-XX.X-XX-X-XX-XX	34.74 [1.368]	37.24 [1.466]	32.24 [1.269]	26.67 [1.050]	28.68 [1.129]

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES ARE:

DECIMALS ANGLES
X.X: ±0.3 [.01] 2°
X.XX: ±0.13 [.005]
X.XXX: ±0.051 [.0020]

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MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, COLOR: BLACK
CONTACT: BeCu
LOCKING CLIP: PHOS BRONZE

SHEET SCALE: 2.5:1

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:

UPS-V, ASSEMBLY

DWG. NO.

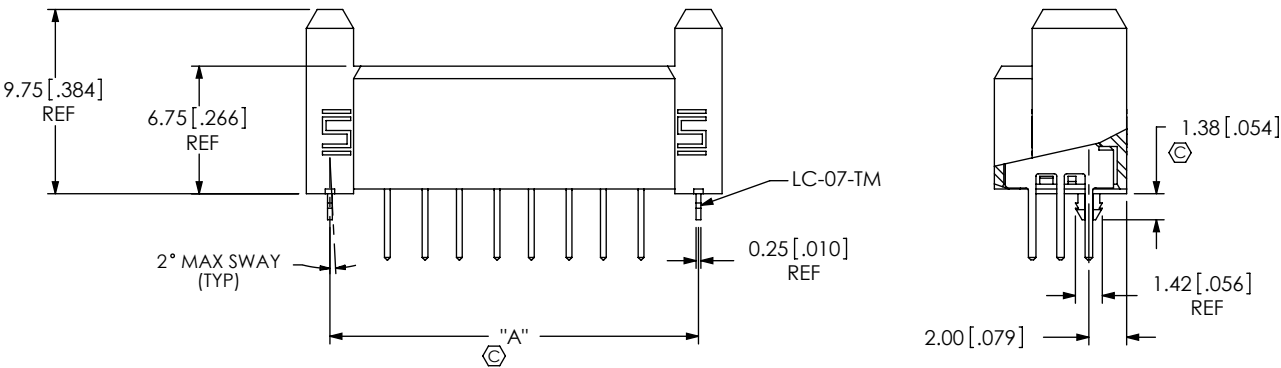
UPS-XX-XX.X-XX-X-XX-XX-XX

BY: B RAY

07-12-2010

SHEET 1 OF 2

FIG 2
(UPS-04-07.0-02-X-V-LC SHOWN)
(SAME AS FIG. 1 EXCEPT AS SHOWN)



PACKAGING VIEW
(ASSEMBLIES TO HAVE POSITION #T LOADED IN THE SAME DIRECTION AS ARROW ON TUBE)

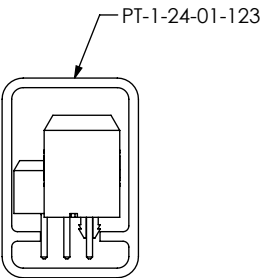


FIG 3
(UPS-04-04.0-03-X-PV SHOWN)
(SAME AS FIG. 1 EXCEPT AS SHOWN)

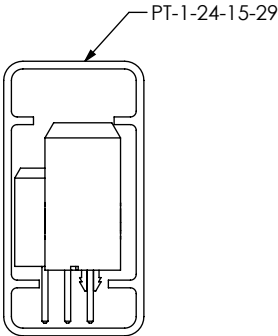
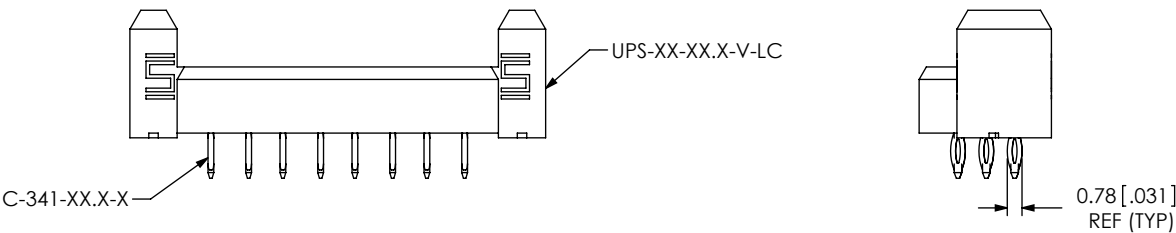


TABLE 3		
PLATING	POWER PIN CONTACT AREA	POWER PIN TAIL
-L	LIGHT GOLD	MATTE TIN
-T	MATTE TIN	MATTE TIN

PACKAGING TABLE		
HEIGHT	PACKAGING TUBE	PLUG
-04	PT-1-24-01-123	TP-07
-07	PT-1-24-15-29	TP-07

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SHEET SCALE: 3:1



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

DESCRIPTION:

UPS-V, ASSEMBLY

DWG. NO.

UPS-XX-XX.X-XX-X-XX-XX-XX

BY: B RAY

07-12-2010

SHEET 2 OF 2