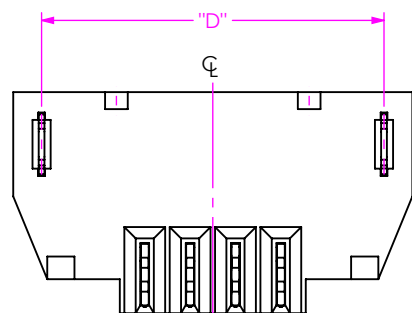
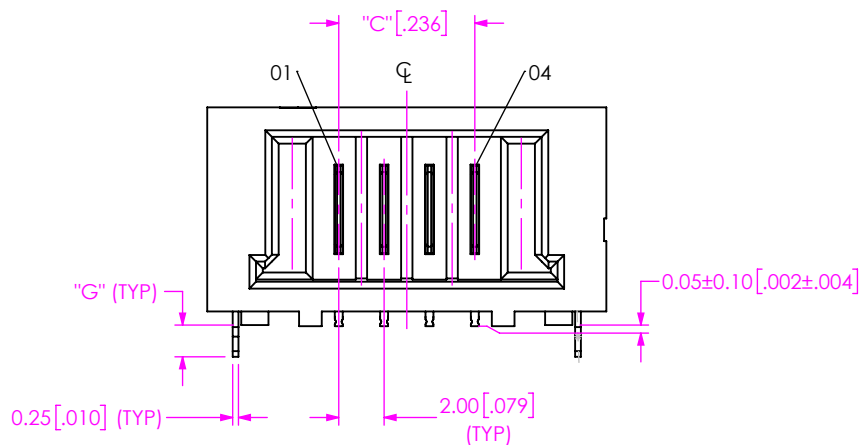
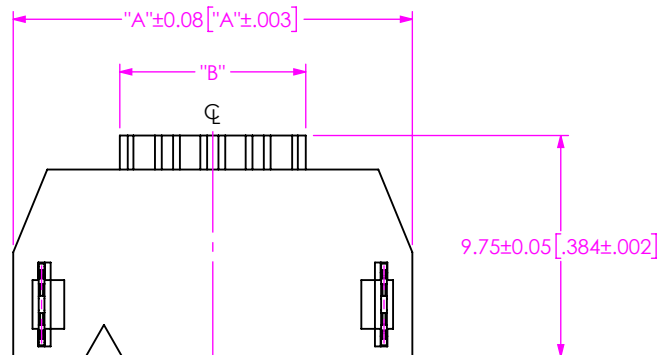


DESIGNED AND DIMENSIONED IN MILLIMETERS[INCHES]  
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN

DO NOT  
SCALE FROM  
THIS PRINT



UMPT-XX-XX-XX-RA-X-WX-X-XR

#### NO OF POSITIONS

-02, -03, -04, -05,  
-06, -07, -08, -09,  
-10

#### LEAD STYLE

-01: SURFACE MOUNT  
-02: THROUGH HOLE FOR 1.57 MM PCB  
-03: THROUGH HOLE FOR 2.36 MM PCB

#### PLATING

-T: MATTE TIN  
-L: 10μ" SELECTIVE GOLD IN CONTACT  
AREA, MATTE TIN ON TAIL,  
MATTE TIN ON THE WELD TAB.  
-S: 30μ" SELECTIVE GOLD IN CONTACT  
AREA, MATTE TIN ON TAIL,  
MATTE TIN ON THE WELD TAB.  
-SL: 30μ" SELECTIVE GOLD IN CONTACT  
AREA, TIN-LEAD ON TAIL,  
TIN-LEAD ON THE WELD TAB.

#### TAPE & REEL (SEE NOTE 3 & 4)

-TR: TAPE & REEL  
-FR: FULL REEL QTY TAPE & REEL

#### LATCH OPTIONS

(LEAVE BLANK FOR NO LATCH)  
-P: PLASTIC TOP LATCH  
-M: METAL SIDE LATCHES

#### WELD TAB OPTIONS

-WT: WELD TAB THROUGH HOLE FOR 1.57MM PCB  
\*\*-W1: WELD TAB THROUGH HOLE FOR 2.36MM PCB  
\*\*-WS: WELD TAB SURFACE MOUNT  
(ONLY FOR SURFACE MOUNT TAIL)

#### HOT PLUG

(LEAVE BLANK FOR NO HOT PLUG)  
(UNAVAILABLE FOR PLASTIC TOP LATCH)  
\*-H: HOT PLUG PIN 1

#### ORIENTATION

-RA: RIGHT ANGLE

(\* = NOT TOOLED)  
(\*\* = NOT RELEASED)

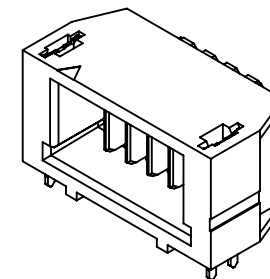
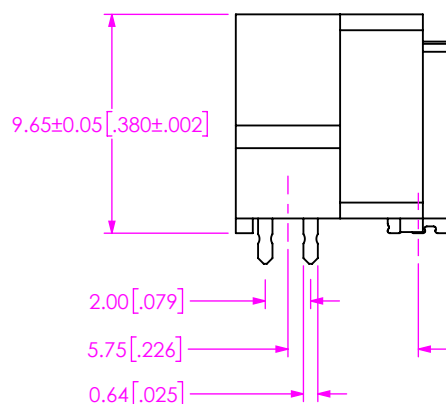


FIG 1  
UMPT-04-01-XX-RA-X-WT SHOWN

| TABLE 4         |              |
|-----------------|--------------|
| WELD TAB OPTION | "G"          |
| -WT             | 1.40 [0.055] |
| -W1             | 3.40 [0.134] |

| TABLE 1    |               |               |               |               |
|------------|---------------|---------------|---------------|---------------|
| No. OF POS | "A"           | "B"           | "C"           | "D"           |
| -02        | 13.60 [0.535] | 4.20 [0.165]  | 2.00 [0.079]  | 11.10 [0.437] |
| -03        | 15.60 [0.614] | 6.20 [0.244]  | 4.00 [0.157]  | 13.10 [0.516] |
| -04        | 17.60 [0.693] | 8.20 [0.323]  | 6.00 [0.236]  | 15.10 [0.594] |
| -05        | 19.60 [0.772] | 10.20 [0.402] | 8.00 [0.315]  | 17.10 [0.673] |
| -06        | 21.60 [0.850] | 12.20 [0.480] | 10.00 [0.394] | 19.10 [0.752] |
| -07        | 23.60 [0.929] | 14.20 [0.559] | 12.00 [0.472] | 21.10 [0.831] |
| -08        | 25.60 [1.008] | 16.20 [0.638] | 14.00 [0.551] | 23.10 [0.909] |
| -09        | 27.60 [1.087] | 18.20 [0.717] | 16.00 [0.630] | 25.10 [0.988] |
| -10        | 29.60 [1.165] | 20.20 [0.795] | 18.00 [0.709] | 27.10 [1.067] |

#### NOTES:

- NOTE DELETED.
- NOTE DELETED.
- ATTACH LABEL -4x2 TO EACH REEL.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.

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DO NOT SCALE DRAWING  
SHEET SCALE: 1:2

MATERIAL:  
INSULATOR: LCP  
TERMINAL: COPPER ALLOY  
WELD TAB: 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:  
ULTRA MICRO POWER RA TERMINAL

DWG. NO.  
UMPT-XX-XX-XX-RA-X-WX-X-XR

BY: ETHAN C 06/12/2019 SHEET 1 OF 3

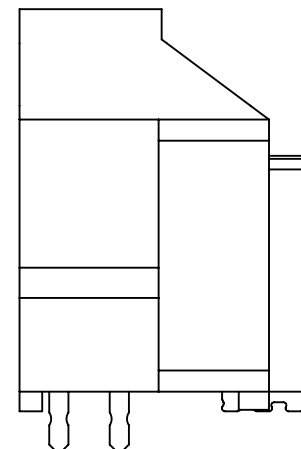
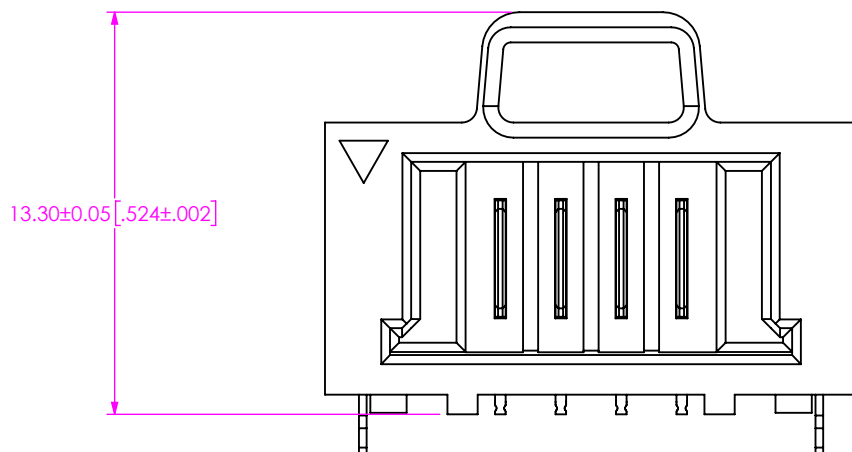


FIG 2  
UMPT-04-01-XX-RA-WT-P SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

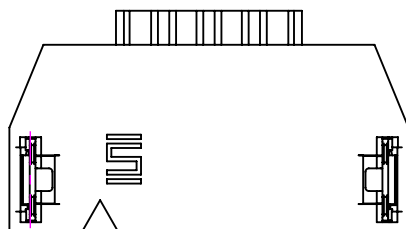
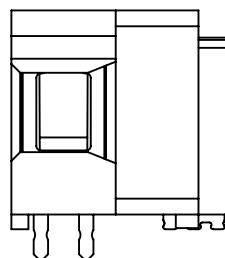
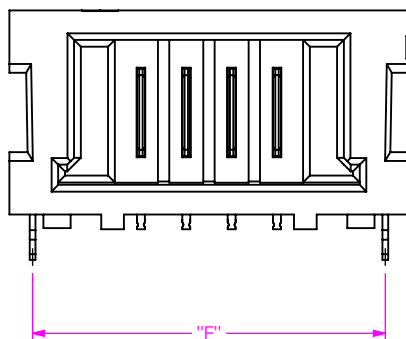


FIG 3  
UMPT-04-01-XX-RA-X-WT-M SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



| TABLE 2    |               |
|------------|---------------|
| No. OF POS | "E"           |
| -02        | 11.55 [.455]  |
| -03        | 13.55 [.533]  |
| -04        | 15.55 [.612]  |
| -05        | 17.55 [.691]  |
| -06        | 19.55 [.770]  |
| -07        | 21.55 [.848]  |
| -08        | 23.55 [.927]  |
| -09        | 25.55 [1.006] |
| -10        | 27.55 [1.085] |

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DO NOT SCALE DRAWING  
SHEET SCALE: 2:1  
MATERIAL:  
INSULATOR: LCP  
TERMINAL: COPPER ALLOY  
WELD TAB: COPPER ALLOY

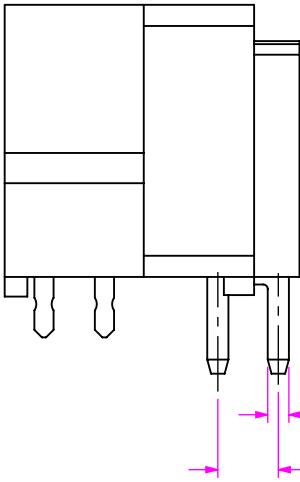
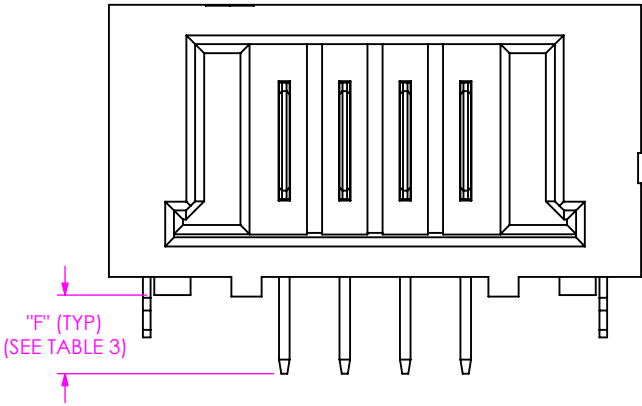
**samtec**

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DESCRIPTION:  
ULTRA MICRO POWER RA TERMINAL

DWG. NO.  
UMPT-XX-XX-XX-RA-X-WX-X-XR

BY: ETHAN C 06/12/2019 SHEET 2 OF 3



| TABLE 3    |             |
|------------|-------------|
| LEAD STYLE | "F"         |
| -02        | 2.60 [.102] |
| -03        | 3.40 [.134] |

FIG 4  
UMPT-04-02-XX-RA-X-WT SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

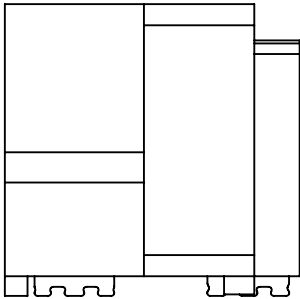
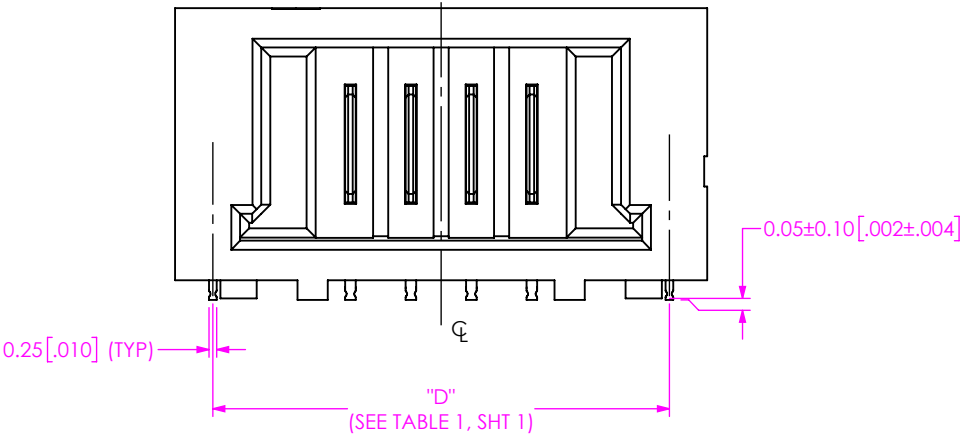


FIG 5  
UMPT-04-01-XX-RA-X-WS SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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SHEET SCALE: 1:2  
DO NOT SCALE DRAWING

DESCRIPTION:  
ULTRA MICRO POWER RA TERMINAL  
DWG. NO.  
UMPT-XX-XX-XX-RA-X-WX-X-XR

BY: ETHAN C 06/12/2019 SHEET 3 OF 3