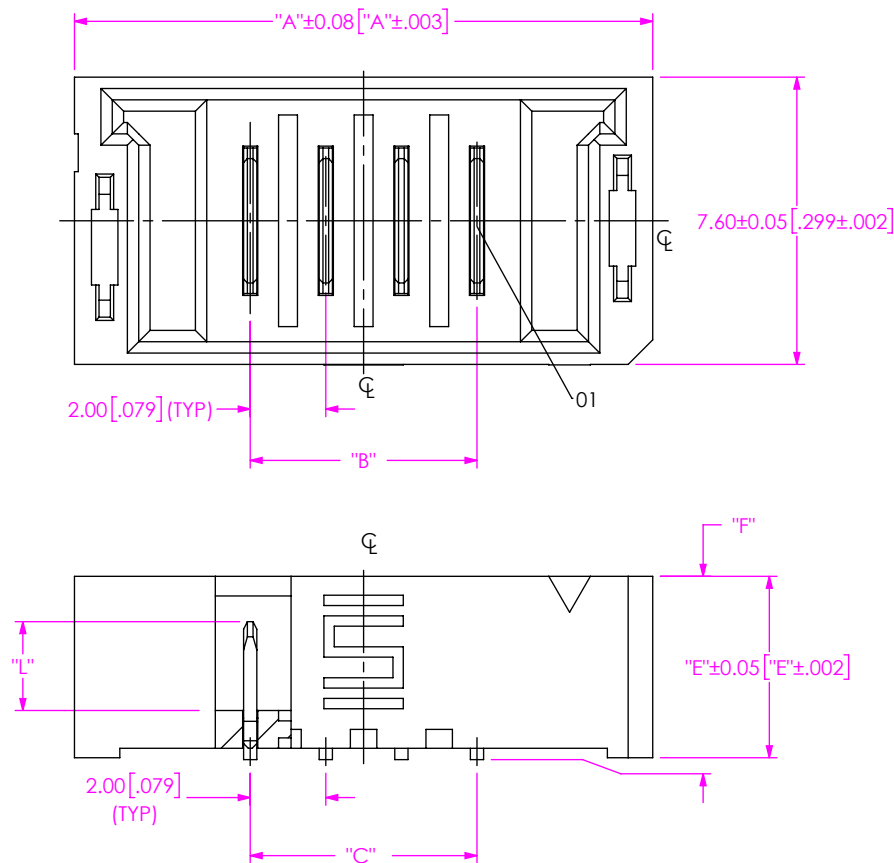


DESIGNED AND DIMENSIONED IN MILLIMETERS[INCHES]  
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN



UMPT-XX-XX.X-X-VT-XX-X-XX-X-X

## NO. OF POSITIONS

-02, -03, -04, -05  
 \*\*\_06, \*\*\_07, \*\*\_08,  
 \*\*\_09, \*\*\_10

## LEAD STYLE

-01.5: 1.5 mm  
 \*\*\_02.5: 2.5mm  
 -06.5: 6.5 mm  
 \*\*\_07.5: 7.5mm  
 \*\*\_12.5: 12.5mm

## PLATING

-T: MATTE TIN  
 -G: 10 $\mu$ " SELECTIVE GOLD IN CONTACT AREA, 3 $\mu$ " GOLD ON TAIL  
 \*-L: 10 $\mu$ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
 \*-S: 30 $\mu$ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

-K: POLYIMIDE PAD  
 (SEE FIG 5, SHT 3)

## LATCH OPTIONS

(LEAVE BLANK FOR NO LATCH)  
 (ONLY AVAILABLE ON -02.5 LEAD STYLE)  
 (MUST CHOOSE WELD TAB OPTION)  
 \*\*\_P: PLASTIC TOP LATCH  
 \*\*\_M: METAL SIDE LATCHES

## WELD TAB OPTIONS

(LEAVE BLANK FOR NO WELD TAB)  
 -WT: WELD TAB THROUGH HOLE

## HOT PLUG

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

## TAIL

-SM: SURFACE MOUNT  
 \*T1: THROUGH HOLE FOR 1.57 [.062]PCB  
 \*T2: THROUGH HOLE FOR 2.36 [.093]PCB

## ORIENTATION

-VT: VERTICAL  
 (\*= NOT TOOLED)  
 (\*\*= NOT RELEASED)

FIG 1

UMPT-04-01.5-X-VT-SM SHOWN

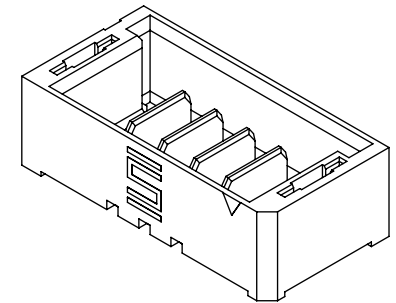
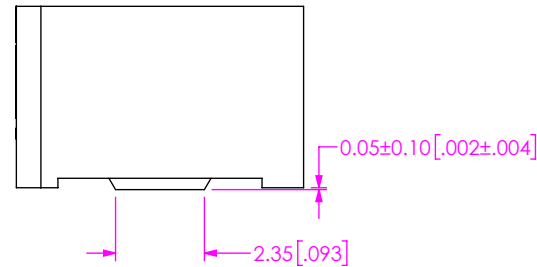


TABLE 1

No OF POSITIONS	"A"	"B"	"C"	"D"	"J"
-02	11.30 [.445]	2.00 [.079]	2.00 [.079]	9.70 [.382]	1.59 [.062]
-03	13.30 [.524]	4.00 [.157]	4.00 [.157]	11.70 [.461]	2.59 [.102]
-04	15.30 [.602]	6.00 [.236]	6.00 [.236]	13.70 [.539]	3.59 [.141]
-05	17.30 [.681]	8.00 [.315]	8.00 [.315]	15.70 [.618]	4.59 [.181]
-06	19.30 [.760]	10.00 [.394]	10.00 [.394]	17.70 [.697]	5.59 [.220]
-07	21.30 [.839]	12.00 [.472]	12.00 [.472]	19.70 [.776]	6.59 [.259]
-08	23.30 [.917]	14.00 [.551]	14.00 [.551]	21.70 [.854]	7.59 [.299]
-09	25.30 [.996]	16.00 [.630]	16.00 [.630]	23.70 [.933]	8.59 [.338]
-10	27.30 [1.075]	18.00 [.709]	18.00 [.709]	25.70 [1.012]	9.59 [.377]

TABLE 2

UMPT LEAD STYLE	STACK HEIGHT	
	UMPS	
	-03.5	-05.5
-01.5	5.00 [.197]	7.00 [.276]
-02.5	6.00 [.236]	8.00 [.315]
-06.5	10.00 [.394]	12.00 [.472]
-07.5	11.00 [.433]	13.00 [.512]
-12.5	16.00 [.630]	18.00 [.709]

TABLE 3

LEAD STYLE	"E"	"F"	"G"	"K"	"L"
-01.5	4.80 [.189]	4.85 [.191]	4.93 [.194]	N/A	2.35 [.093]
-01.5-H	4.80 [.189]	4.85 [.191]	4.93 [.194]	1.50 [.059]	2.35 [.093]
-06.5	9.55 [.376]	9.60 [.378]	9.68 [.381]	N/A	2.60 [.102]
-06.5-H	9.55 [.376]	9.60 [.378]	9.68 [.381]	1.75 [.069]	2.60 [.102]

## NOTES:

- NOTE DELETED.
- PARTS TO BE PACKAGED IN TAPE & REEL.
- FOR QUANTITIES UP TO 49 PCS., NO LEADER, TRAILER OR REEL WILL BE SUPPLIED.  
 FOR QUANTITIES OF 50-124 PCS., NO LEADER OR TRAILER WILL BE SUPPLIED,  
 SPLICES MAY BE PRESENT.
- NOTE DELETED.

## \* PROPRIETARY NOTE \*

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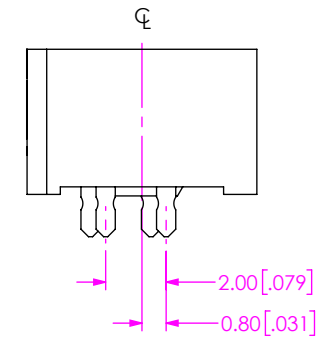
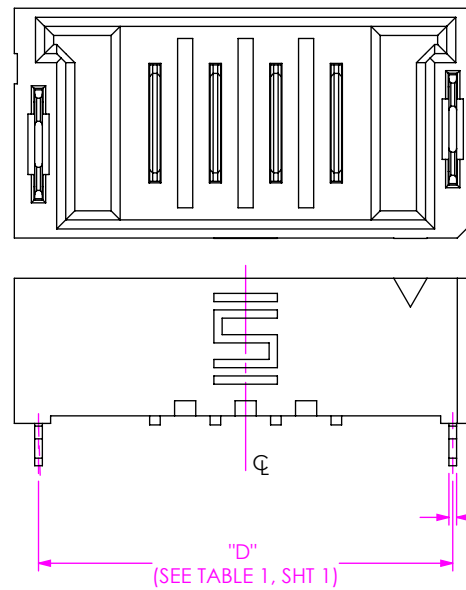
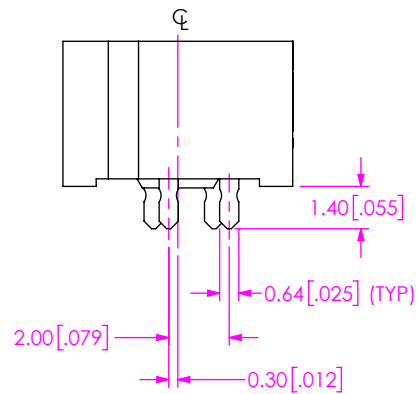
DO NOT SCALE DRAWING  
 SHEET SCALE: 5:1

MATERIAL:  
 INSULATOR: LCP  
 CONTACT: COPPER ALLOY  
 WELD TAB: COPPER ALLOY

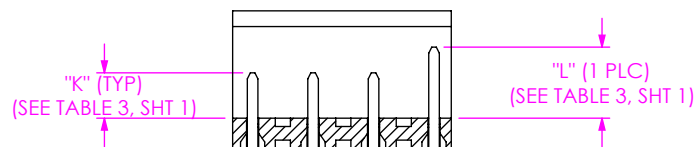
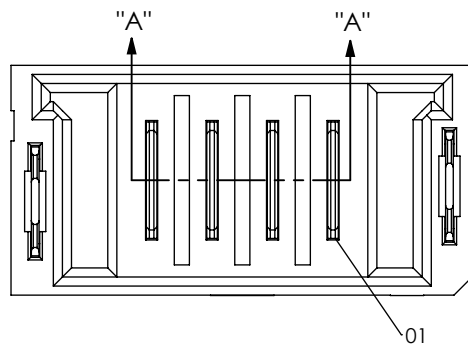
DESCRIPTION:  
 ULTRA MICRO POWER TERMINAL

DWG. NO.  
 UMPT-XX-XX.X-X-VT-XX-X-XX-X-X

BY: JOE Z 03/22/2017 SHEET 1 OF 4

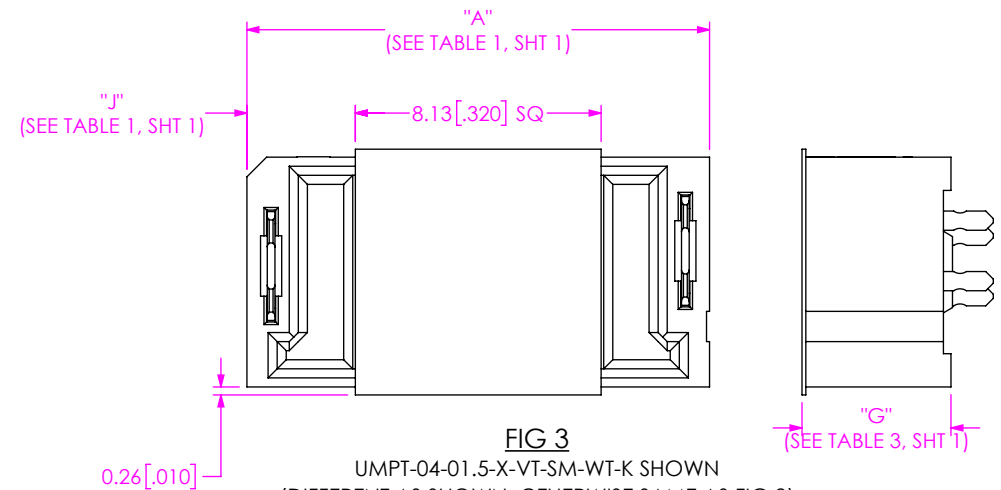


**FIG 2**  
UMPT-04-01.5-X-VT-SM-WT SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



**SECTION "A"-A"**  
**SCALE 4 : 1**

**FIG 4**  
UMPT-04-01.5-X-VT-SM-H-WT SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1 & 2)



**FIG 3**  
UMPT-04-01.5-X-VT-SM-WT-K SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

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SHEET SCALE: 2:1

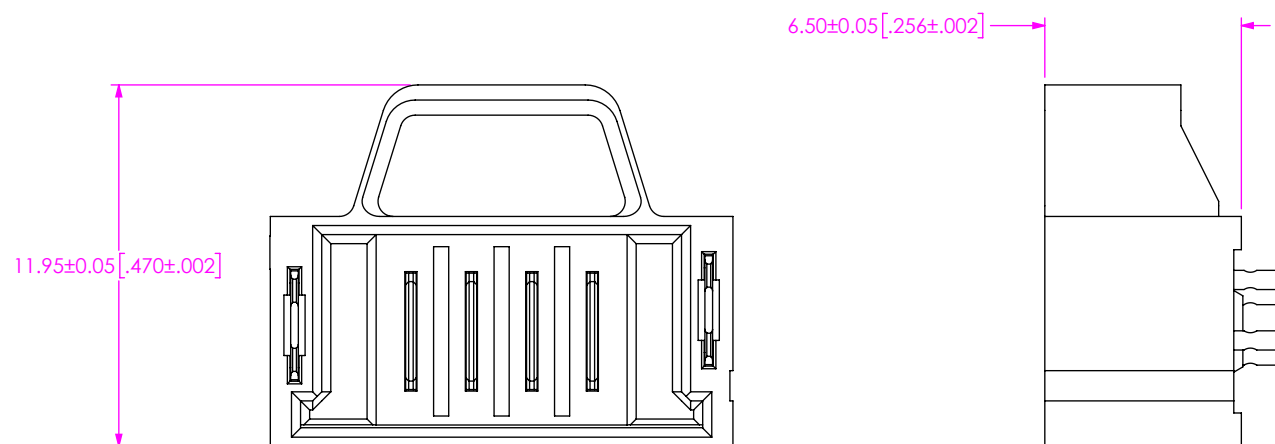
**samtec**

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

DESCRIPTION:  
**ULTRA MICRO POWER TERMINAL**

DWG. NO.  
**UMPT-XX-XX.X-X-VT-XX-X-XX-X-X**

BY: JOE Z 03/22/2017 SHEET 2 OF 4



**FIG 6**  
UMPT-04-02.5-X-VT-SM-WT-P SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

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DO NOT SCALE DRAWING  
SHEET SCALE: 5:1

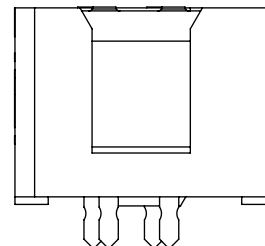
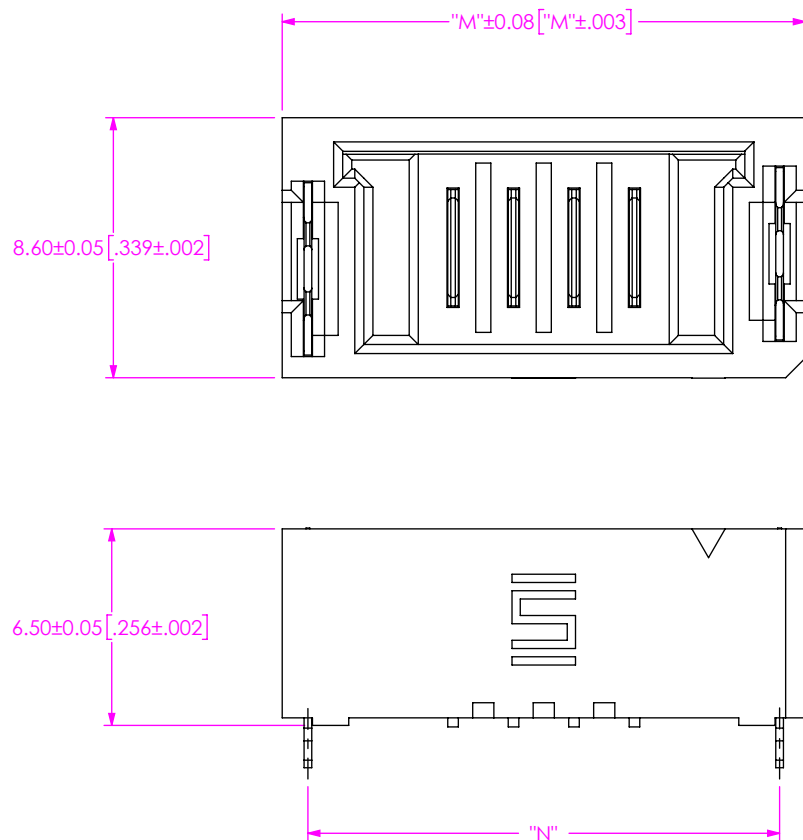
**samtec**

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

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ULTRA MICRO POWER TERMINAL

DWG. NO.  
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BY: JOE Z 03/22/2017 SHEET 3 OF 4



**FIG 7**  
UMPT-04-02.5-X-VT-SM-WT-M SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

TABLE 4		
No OF POSITIONS	"M"	"N"
-02	13.30 [.524]	11.600 [.4567]
-03	15.30 [.602]	13.600 [.5354]
-04	17.30 [.681]	15.600 [.6142]
-05	19.30 [.760]	17.600 [.6929]
-06	21.30 [.839]	19.600 [.7717]
-07	23.30 [.917]	21.600 [.8504]
-08	25.30 [.996]	23.600 [.9291]
-09	27.30 [1.075]	25.600 [1.0079]
-10	29.30 [1.154]	27.600 [1.0866]

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DO NOT SCALE DRAWING  
SHEET SCALE: 5:1  
MATERIAL:  
INSULATOR: LCP  
CONTACT OR TERMINAL:  
SHIELD: PHOS BRONZE

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DESCRIPTION:  
ULTRA MICRO POWER TERMINAL  
DWG. NO.  
UMPT-XX-XX.X-X-VT-XX-X-XX-X-X