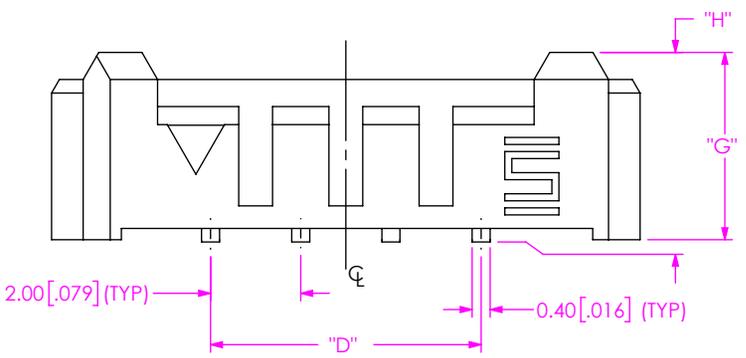
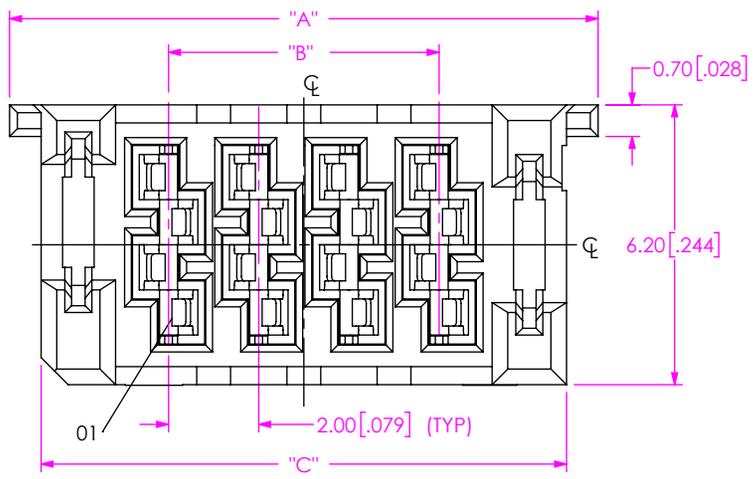


**DESIGNED AND DIMENSIONED IN MILLIMETERS[INCHES]  
ALL DIMENSIONS REFERENCE**

**UMPS-XX-XX.X-X-VT-XX-XX-X**

DO NOT SCALE FROM THIS PRINT



**NO. OF POSITIONS**  
-02, -03, -04, -05  
\*\*-06, \*\*07, \*\*08,  
\*\*-09, \*\*10

**LEAD STYLE**  
-03.5: 3.5 mm  
-05.5: 5.5 mm  
\*\*-07.5: 7.5 mm

**PLATING**  
-T: MATTE TIN  
-G: 10μ" SELECTIVE GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL  
\*-L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (NOT AVAILABLE WITH -03.5 LEAD STYLE)  
\*-S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (NOT AVAILABLE WITH -03.5 LEAD STYLE)

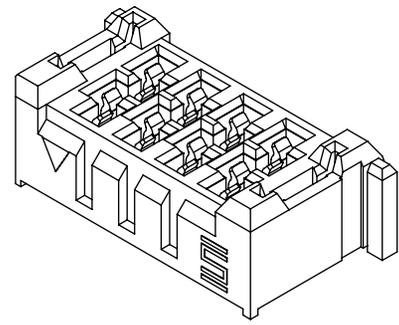
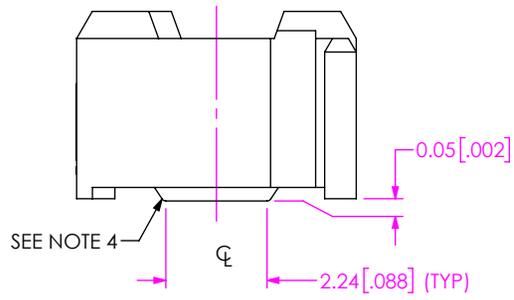
**PICK AND PLACE PAD**  
(LEAVE BLANK FOR NO PAD)  
-K: POLYIMIDE PAD

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

**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**  
UMPS-04-03.5-X-VT-SM SHOWN

**TABLE 1**

No OF POSITION	"A"	"B"	"C"	"D"	"E"
-02	9.05 [.356]	2.00 [.079]	7.65 [.301]	2.00 [.079]	6.00 [.236]
-03	11.05 [.435]	4.00 [.157]	9.65 [.380]	4.00 [.157]	8.00 [.315]
-04	13.05 [.514]	6.00 [.236]	11.65 [.459]	6.00 [.236]	10.00 [.394]
-05	15.05 [.593]	8.00 [.315]	13.65 [.537]	8.00 [.315]	12.00 [.472]
-06	17.05 [.671]	10.00 [.394]	15.65 [.616]	10.00 [.394]	14.00 [.551]
-07	19.05 [.750]	12.00 [.472]	17.65 [.695]	12.00 [.472]	16.00 [.630]
-08	21.05 [.829]	14.00 [.551]	19.65 [.774]	14.00 [.551]	18.00 [.709]
-09	23.05 [.907]	16.00 [.630]	21.65 [.852]	16.00 [.630]	20.00 [.787]
-10	25.05 [.986]	18.00 [.709]	23.65 [.931]	18.00 [.709]	22.00 [.866]

**TABLE 2**  
STACK HEIGHT

UMPT LEAD STYLE	UMPS LEAD STYLE		
	-03.5	-05.5	-07.5
-01.5	5.00 [.197]	7.00 [.276]	9.00 [.354]
-06.5	10.00 [.394]	12.00 [.472]	14.00 [.551]

**TABLE 3**

LEAD STYLE	"G"	"H"	"J"
-03.5	4.15 [0.163]	4.20 [0.165]	3.68 [0.145]
-05.5	6.15 [0.242]	6.20 [0.244]	5.68 [0.224]
-07.5	8.15 [0.321]	8.20 [0.323]	7.68 [0.302]

- 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.
  - HOLES IN THE SURFACE MOUNT TAILS MAY OR MAY NOT BE PRESENT, AT SAMTEC DISCRETION.

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DO NOT SCALE DRAWING  
SHEET SCALE: 6:1

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

**DESCRIPTION:**  
ULTRA MICRO POWER SOCKET

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

BY: JOE Z      03/22/2017      SHEET 1 OF 2

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

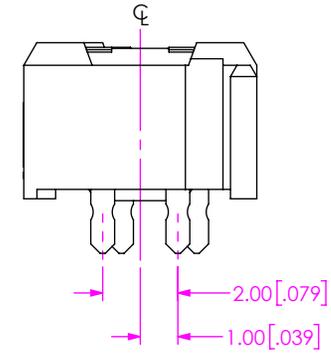
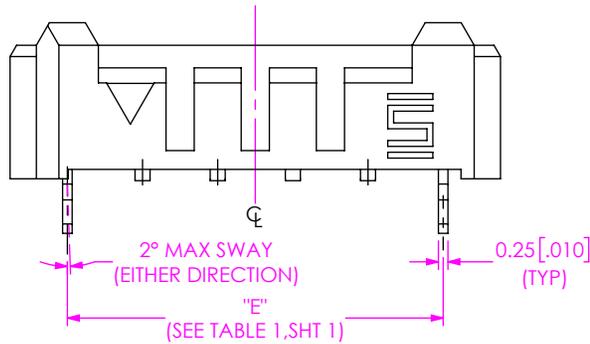
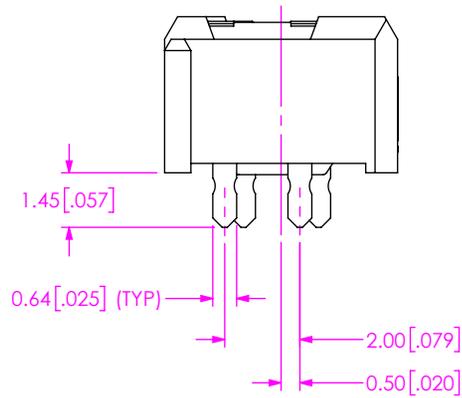
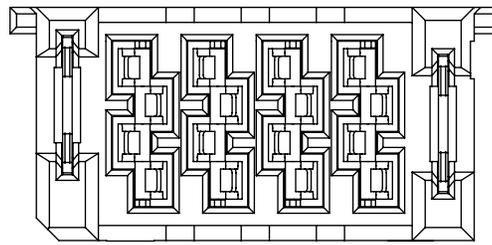


FIG 2  
UMPS-04-03.5-X-VT-SM-WT SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

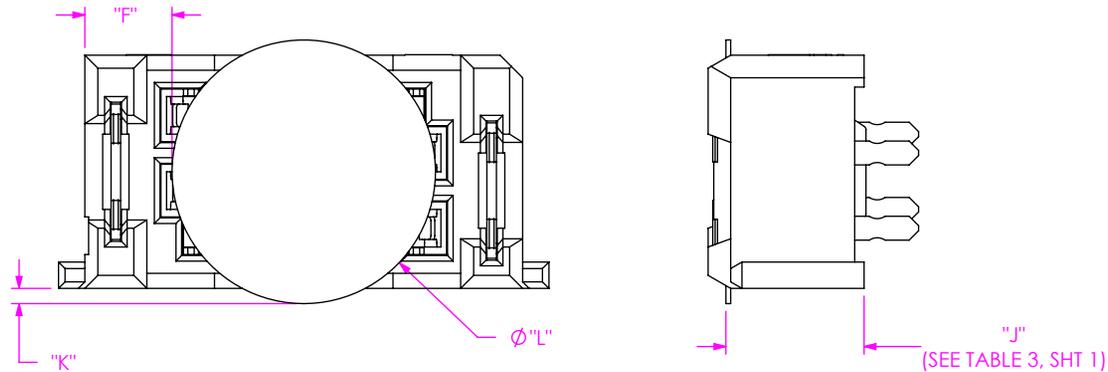


FIG 3  
UMPS-04-03.5-X-VT-SM-WT-K SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

TABLE 4

No OF POSITION	"F"	"K"	"L"
-02	1.58 [.062]	0.85 [.034]	4.50 [.177]
-03	1.57 [.062]	0.15 [.006]	6.50 [.256]
-04	2.32 [.091]	0.41 [.016]	7.01 [.276]
-05	3.32 [.131]	0.41 [.016]	7.01 [.276]
-06	4.32 [.170]	0.41 [.016]	7.01 [.276]
-07	5.32 [.209]	0.41 [.016]	7.01 [.276]
-08	6.32 [.249]	0.41 [.016]	7.01 [.276]
-09	7.32 [.288]	0.41 [.016]	7.01 [.276]
-10	8.32 [.328]	0.41 [.016]	7.01 [.276]

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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

DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION:  
ULTRA MICRO POWER SOCKET

DWG. NO.  
UMPS-XX-XX.X-X-VT-XX-XX-X

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