

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: 7.5mm

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)

PACKAGING

BLANK: TAPE & REEL (SEE NOTES 2, 5 & 6)
-FR: FULL REEL QTY TAPE & REEL (SEE NOTES 5 & 6)

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

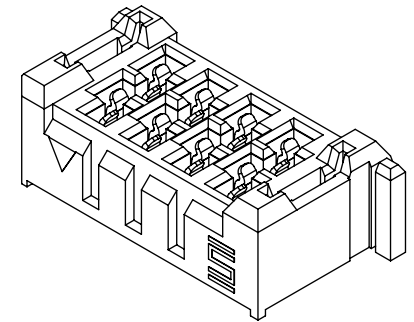
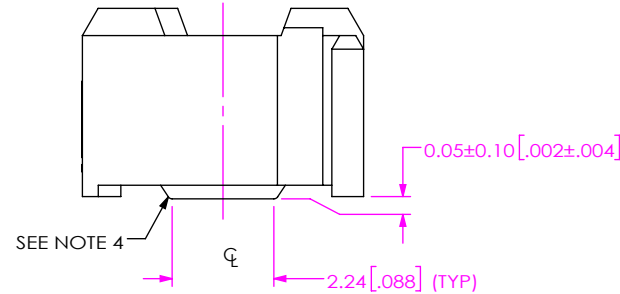
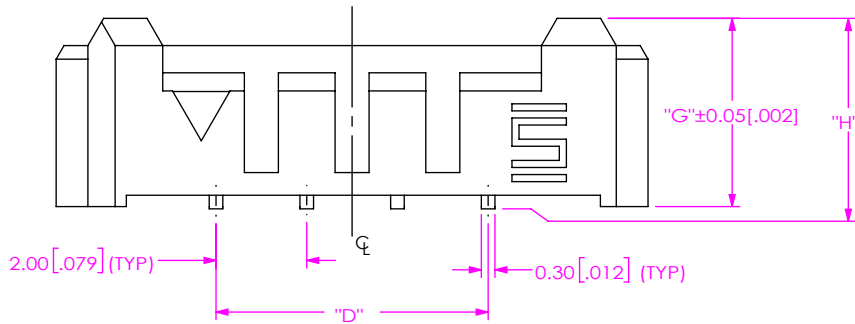
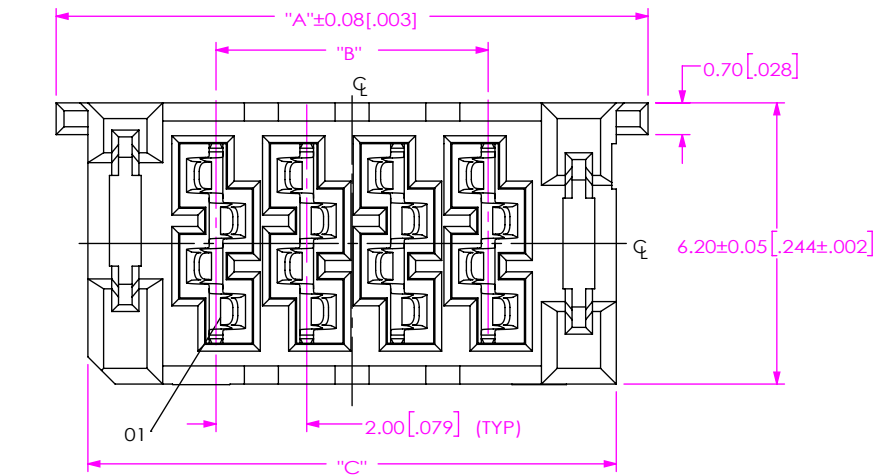


FIG 1
UMPS-04-03.5-X-VT-SM SHOWN

UMPT LEAD STYLE	UMPS LEAD STYLE		
	-03.5	-05.5	-07.5
-01.5	5.00 [0.197]	7.00 [0.276]	9.00 [0.354]
-06.5	10.00 [0.394]	12.00 [0.472]	14.00 [0.551]

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]

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]

- NOTES:
- NOTE DELETED.
 - TAPE AND REEL IS STANDARD PACKAGING.
 - NOTE DELETED.
 - HOLES IN THE SURFACE MOUNT TAILS MAY OR MAY NOT BE PRESENT, AT SAMTEC DISCRETION.
 - ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
 - ATTACH LABEL TO EACH REEL.

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DO NOT SCALE DRAWING
SHEET SCALE: 6:1

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



520 PARK EAST BLVD, NEW ALBANY, IN 47150
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DESCRIPTION:
ULTRA MICRO POWER SOCKET

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

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

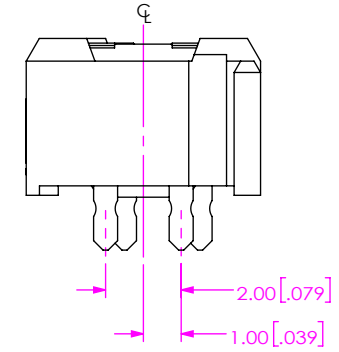
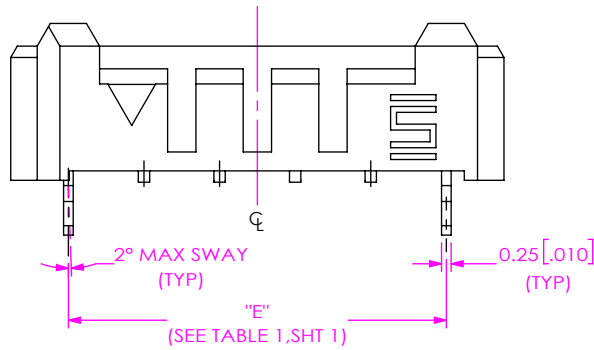
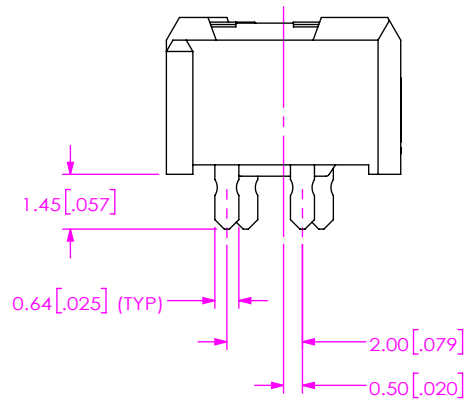
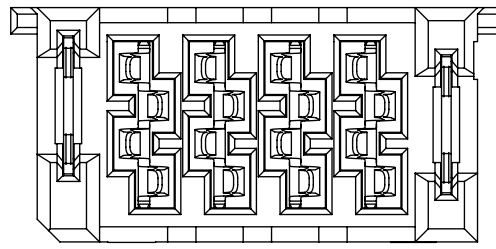


FIG 2
UMPS-04-03.5-X-VT-SM-WT SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

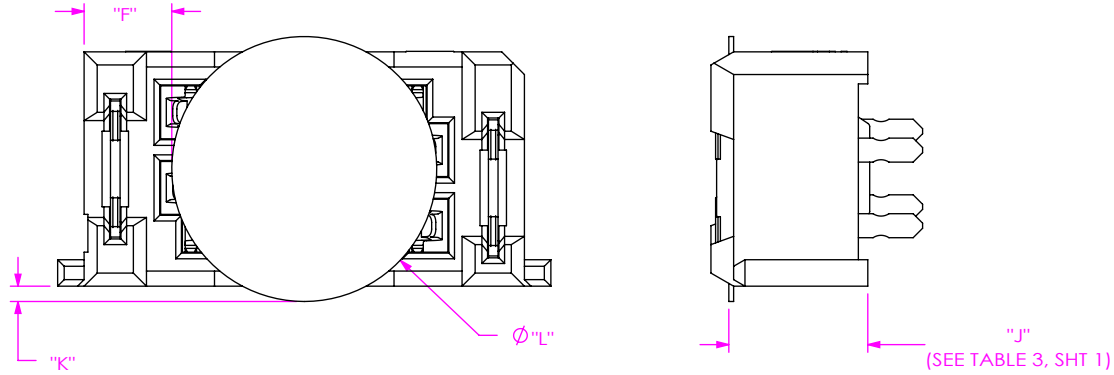


FIG 3
UMPS-04-03.5-X-VT-SM-WT-K SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

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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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION:
ULTRA MICRO POWER SOCKET

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

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