REVISION V

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

DO NOT SCALE FROM THIS PRINT

UMPS-XX-XX.X-XX-V-X-X-XR

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, MATTE TIN ON THE WELD TAB
-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 ON CONTACT AREA, TIN-LEAD ON TAIL, TIN-LEAD ON THE WELD TAB

ORIENTATION
**-V: VERTICAL

TAIL
**-S: SURFACE MOUNT
-1: THROUGH HOLE FOR 1.57[.062] PCB
-2: THROUGH HOLE FOR 2.36[.093] PCB

WELD TAB OPTIONS
(LEAVE BLANK FOR NO WELD TAB)
**-W: WELD TAB THROUGH HOLE FOR 1.57[.062] PCB
***-W1: WELD TAB THROUGH HOLE FOR 2.36[.093] PCB
***-S: SURFACE MOUNT WELD TAB
(ONLY FOR SURFACE MOUNT TAIL)

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

(* = NOT TOOLED)
(** = SEE NOTE 7)
(*** = NOT RELEASED)

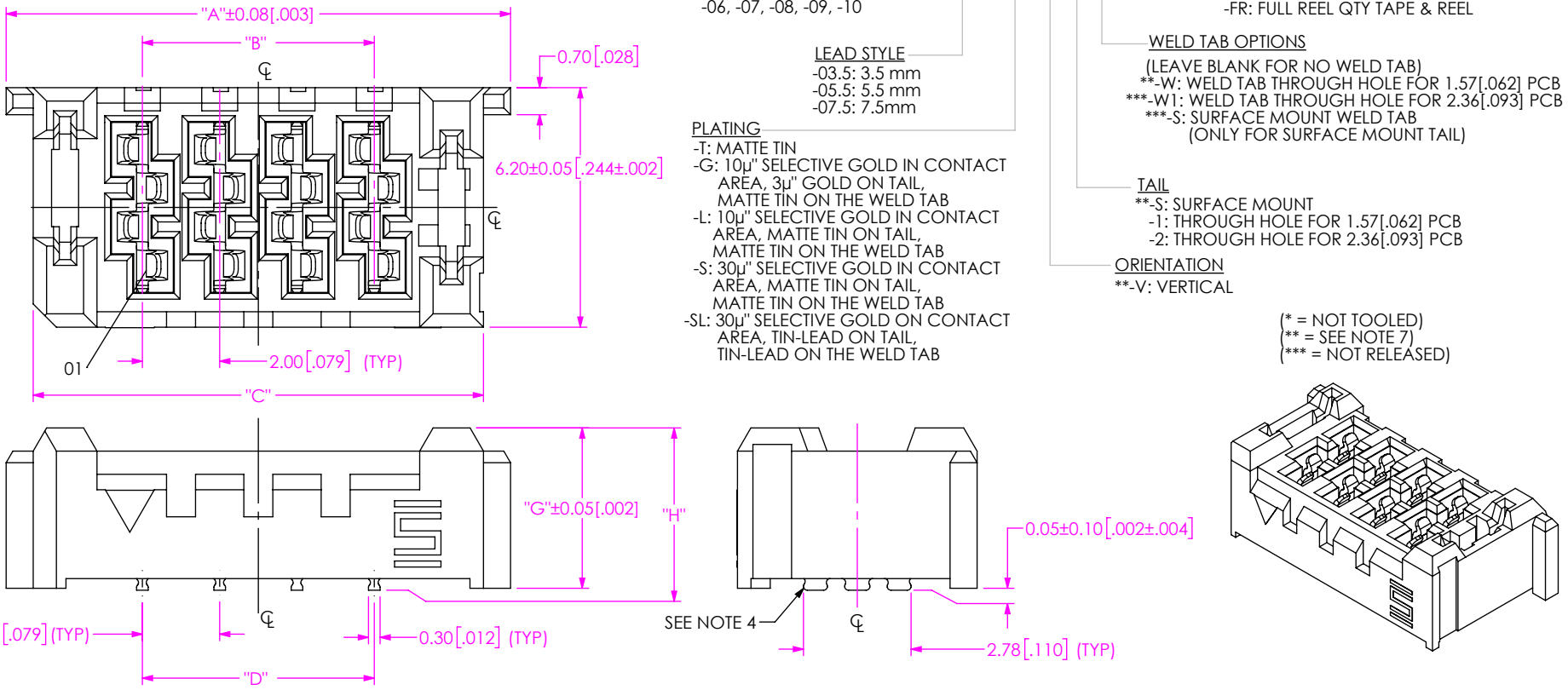


FIG 1
UMPS-04-03.5-XX-V-S SHOWN

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

UMPT LEAD STYLE	STACK HEIGHT UMPS LEAD STYLE		
	-03.5	-05.5	-07.5
-01.5	5.00 [0.197]	7.00 [0.276]	9.00 [0.354]
-02.5	6.00 [0.236]	8.00 [0.315]	10.00 [0.394]
-06.5	10.00 [0.394]	12.00 [0.472]	14.00 [0.551]
-07.5	11.00 [0.433]	13.00 [0.512]	15.00 [0.591]
-12.5	16.00 [0.630]	18.00 [0.709]	20.00 [0.787]

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:
1. NOTE DELETED.
2. NOTE DELETED.
3. NOTE DELETED.
4. HOLES IN THE SURFACE MOUNT TAILS MAY OR MAY NOT BE PRESENT, AT SAMTEC DISCRETION.
5. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
6. ATTACH LABEL -4X2 TO EACH REEL.
7. PREVIOUS OPTIONS -VT, -SM, &-WT AVAILABLE FOR EXISTING CUSTOMERS ONLY.
8. K DOT SUPPLIED AS STANDARD; -K AVAILABLE TO EXISTING CUSTOMERS ONLY WITH UMPS-XX-XX.X-X-VT-SM-XX-K PART NUMBERS.

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DO NOT SCALE DRAWING
MATERIAL: SHEET SCALE: 6:1
INSULATOR: LCP
CONTACT: 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 SOCKET
DWG. NO. UMPS-XX-XX.X-XX-V-X-X-XR

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BY: JOE Z 03/22/2017 SHEET 1 OF 3

REVISION V

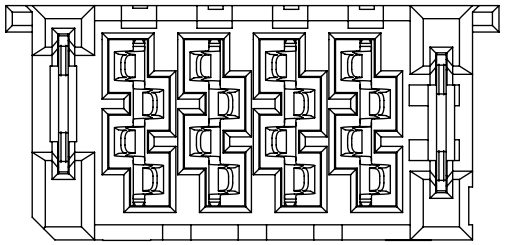


TABLE 5	
WELD TAB OPTIONS	"N"
-W	1.45 [.057]
-W1	3.45 [.136]

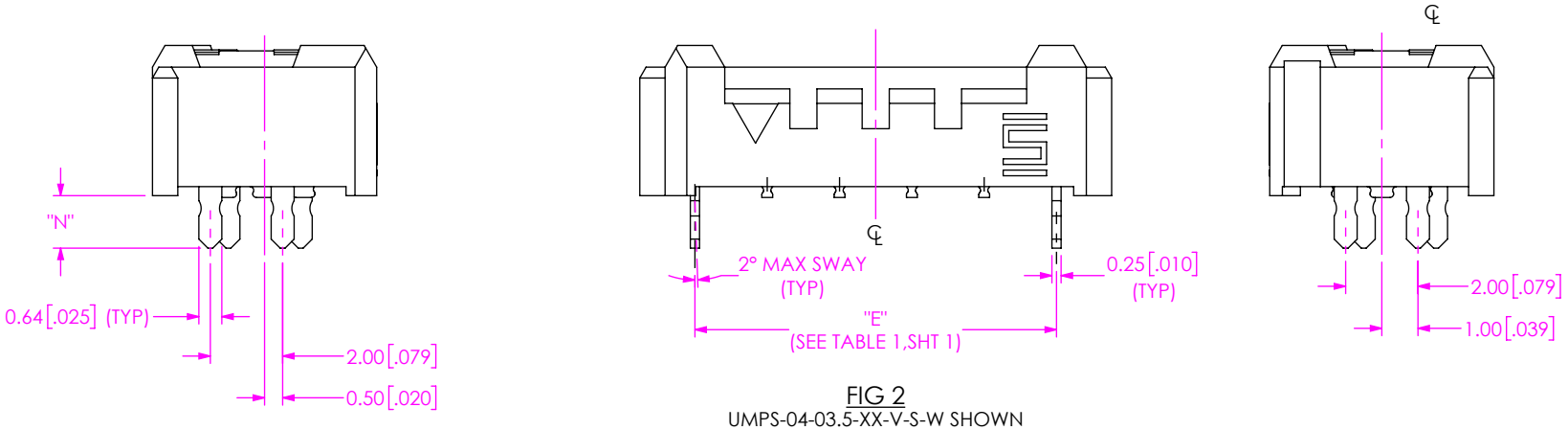


FIG 2
UMPS-04-03.5-XX-V-S-W SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

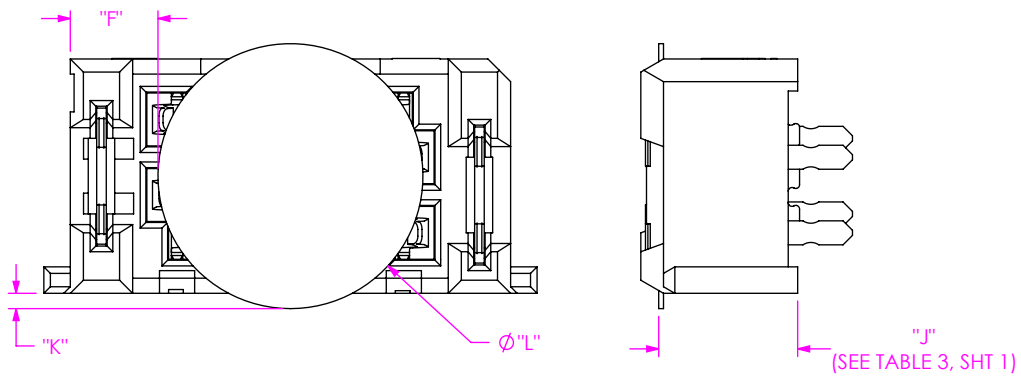


FIG 3
UMPS-04-03.5-XX-V-S-W SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

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]

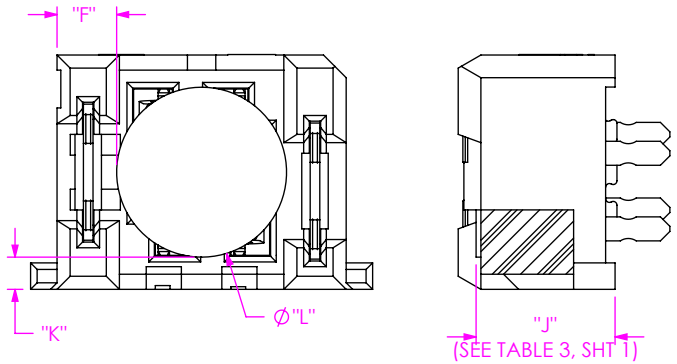


FIG 4
UMPS-02-03.5-XX-V-S-W SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

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samtec
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-XX-V-X-X-XR

BY: JOE Z 03/22/2017 SHEET 2 OF 3

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REVISION V

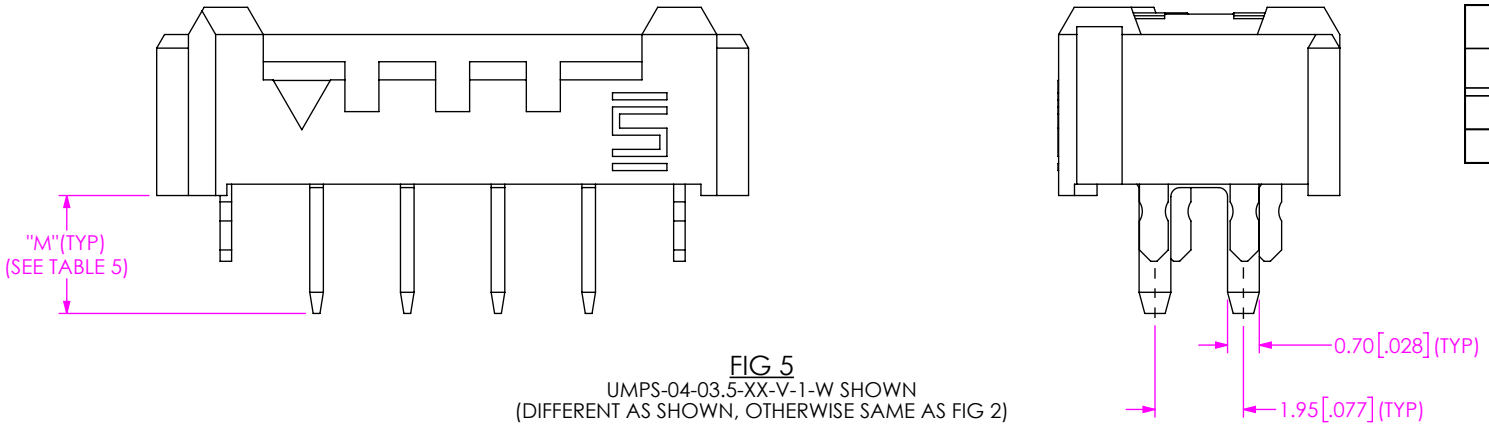


TABLE 5	
TAIL	"M"
-1	2.60 [.102]
-2	3.40 [.134]

FIG 5
UMPS-04-03.5-XX-V-1-W SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

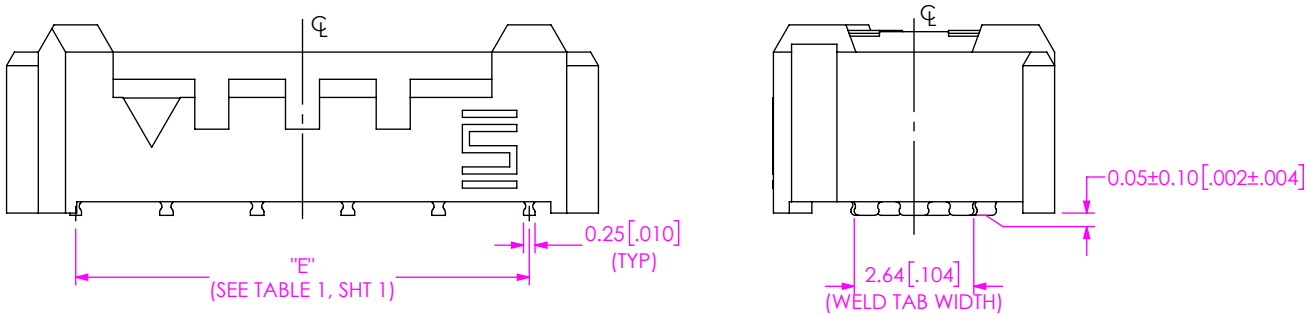
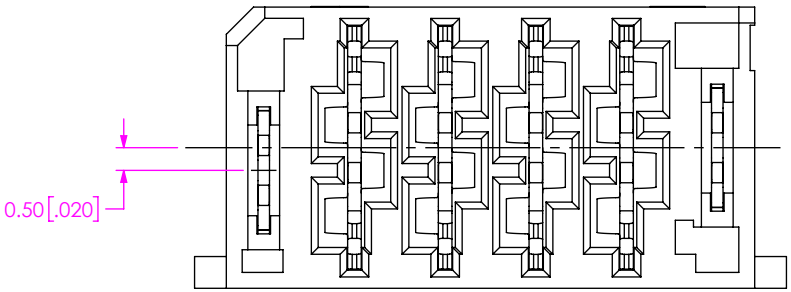


FIG 6
UMPS-04-03.5-XX-V-S-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



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520 PARK EAST BLVD, NEW ALBANY, IN 47150
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SHEET SCALE: 6:1

DESCRIPTION: ULTRA MICRO POWER SOCKET

DWG. NO. UMPS-XX-XX.X-XX-V-X-X-XR

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BY: JOE Z 03/22/2017 SHEET 3 OF 3