

DO NOT SCALE FROM THIS PRINT

**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: 10µ" SELECTIVE GOLD IN CONTACT AREA, 3µ" GOLD ON TAIL
- L: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- SL: 30µ" SELECTIVE GOLD ON CONTACT CARE, TIN LEAD ON TAIL

**TAPE & REEL**

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

**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)
- †-W: WELD TAB THROUGH HOLE
- (REQUIRED FOR 12.5 LEAD STYLE)

**HOT PLUG**

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

**TAIL**

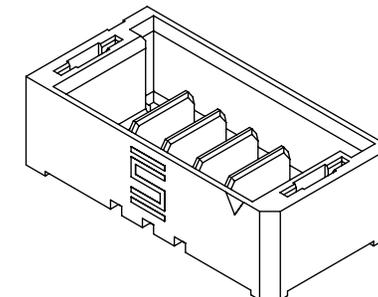
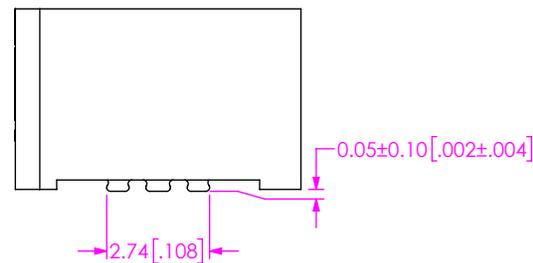
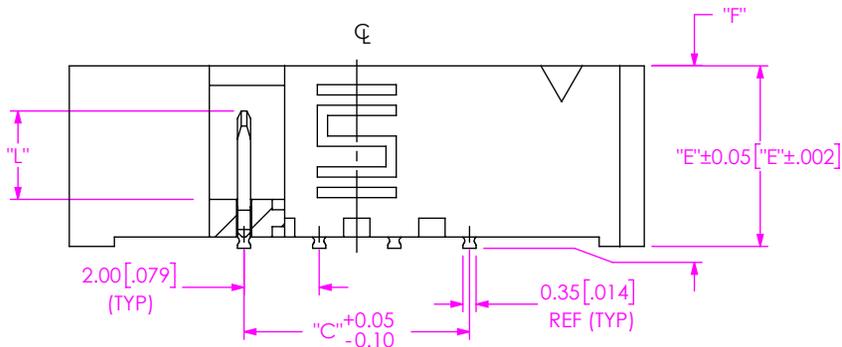
- †-S: SURFACE MOUNT
- \*-1: THROUGH HOLE FOR 1.57 [.062]PCB
- \*-2: THROUGH HOLE FOR 2.36 [.093]PCB

**ORIENTATION**

- †-V: VERTICAL
- (\* = NOT TOOLED)
- (\*\* = NOT RELEASED)
- († = SEE NOTE 5)

FIG 1

UMPT-04-01.5-X-V-S SHOWN



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]

UMPT LEAD STYLE	UMPS STACK HEIGHT		
	-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]

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]

LEAD STYLE	"B" TOL.
-01.5	+0.08/-0.05
-02.5	+0.08/-0.05
-06.5	+0.05/-0.05
-07.5	+0.05/-0.05
-12.5	+0.05/-0.10

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SHEET SCALE: 5:1

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

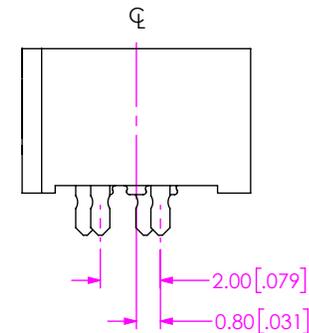
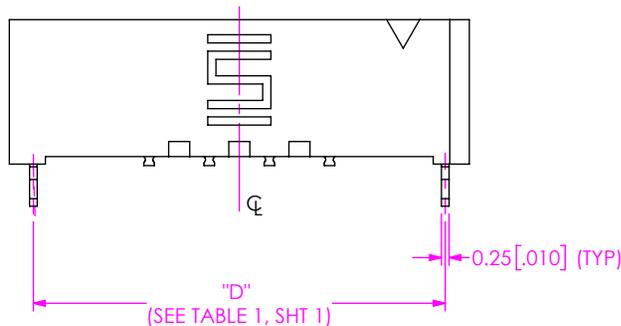
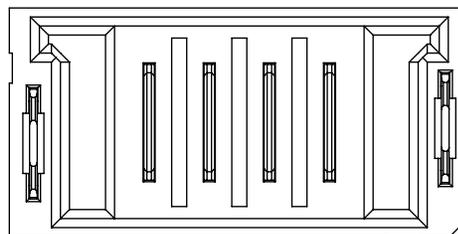
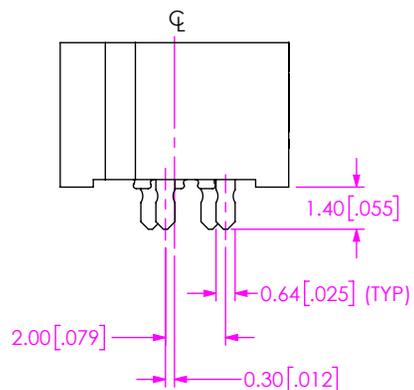


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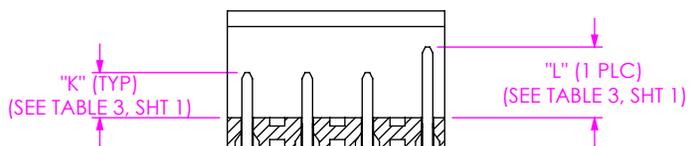
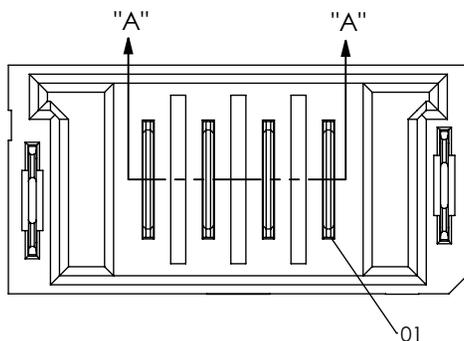
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DWG. NO.  
UMPT-XX-XX.X-XX-V-X-X-X-X-XX

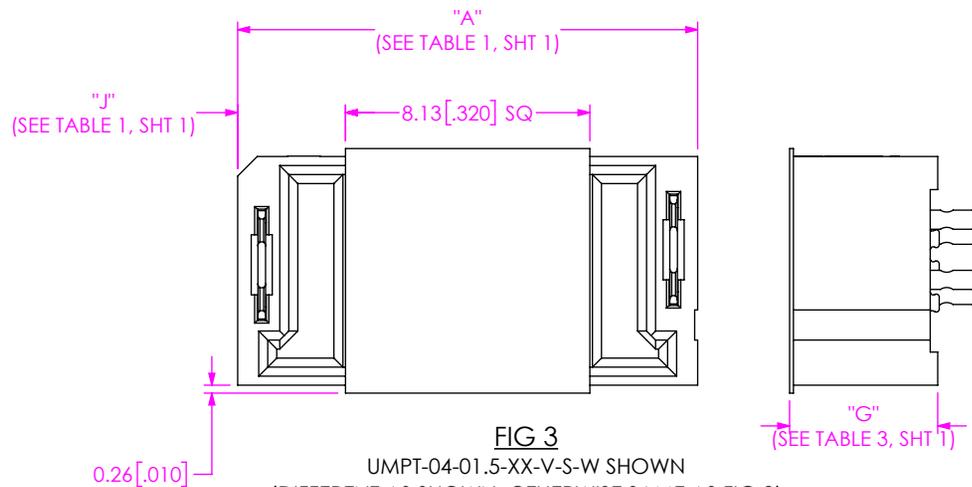
- NOTES:
- NOTE DELETED.
  - PARTS TO BE PACKAGED IN TAPE & REEL.
  - ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
  - ATTACH LABEL TO EACH REEL.
  - PREVIOUS CALLOUTS -VT, -SM, -WT, AVAILABLE TO EXISTING CUSTOMERS ONLY.
  - K-DOT SUPPLIED AS STANDARD. -K PART NUMBER OPTION AVAILABLE TO EXISTING CUSTOMER ONLY.



**FIG 2**  
UMPT-04-01.5-XX-V-S-W SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



**FIG 4**  
UMPT-04-01.5-XX-V-S-H-W SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1 & 2)



**FIG 3**  
UMPT-04-01.5-XX-V-S-W SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

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DESCRIPTION:  
ULTRA MICRO POWER TERMINAL

DWG. NO.  
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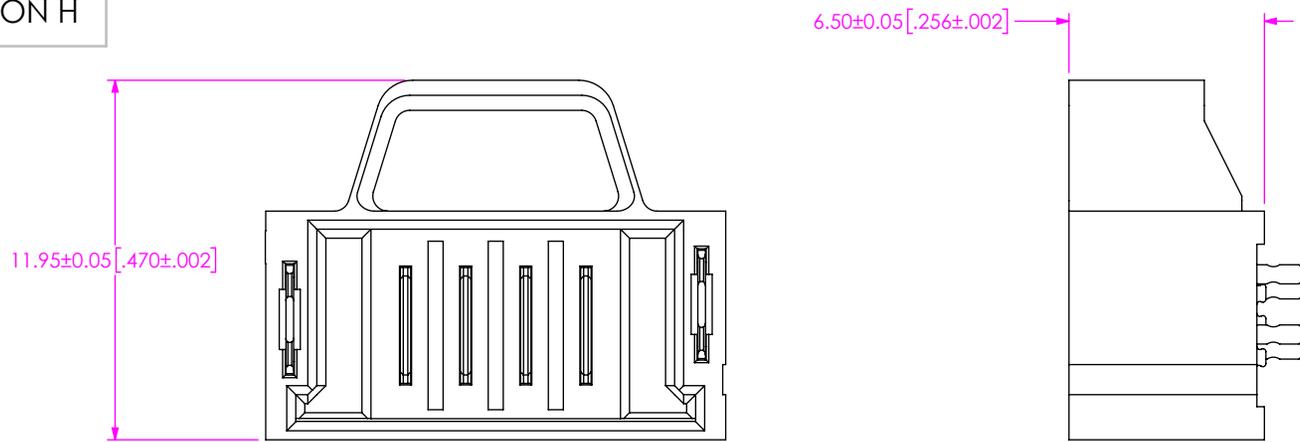


FIG 5  
UMPT-04-02.5-XX-V-S-W-P SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

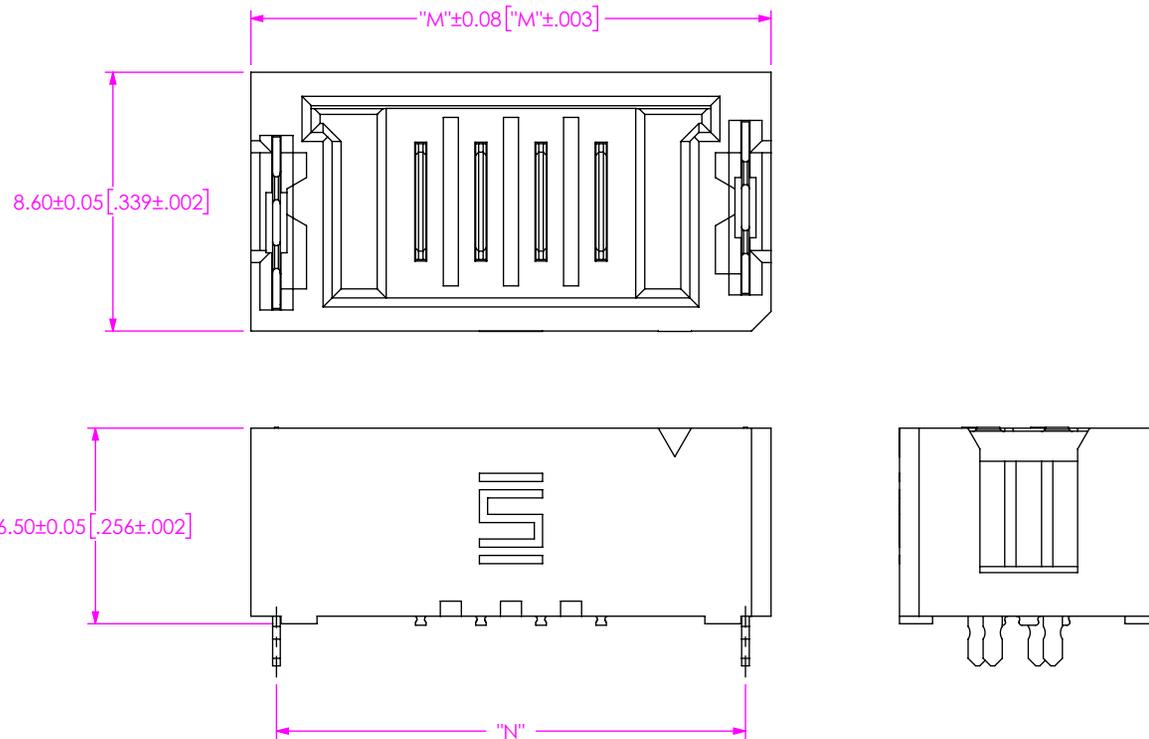


FIG 6  
UMPT-04-02.5-XX-V-S-W-M SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

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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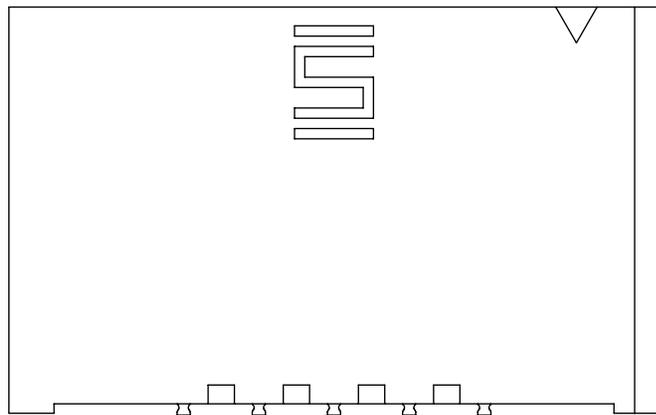
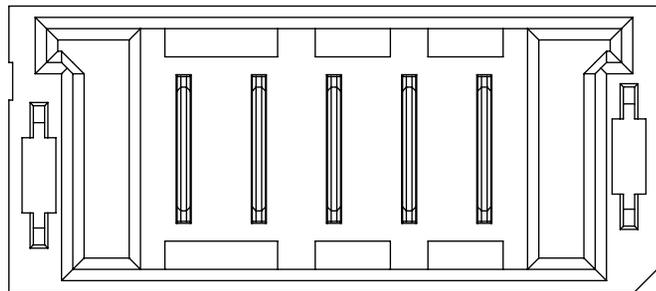
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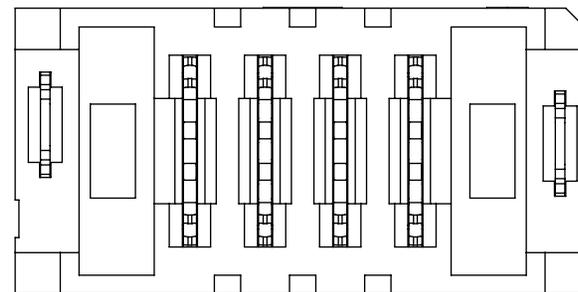
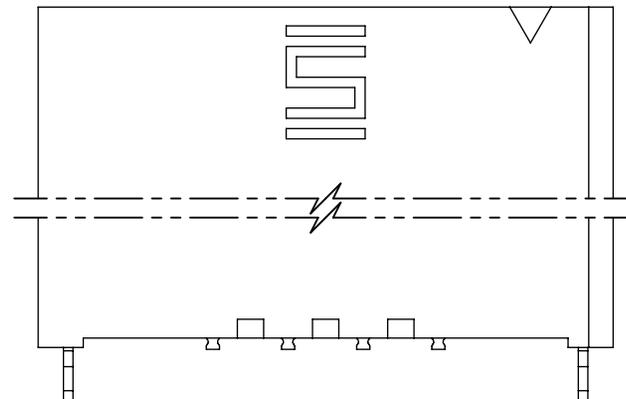
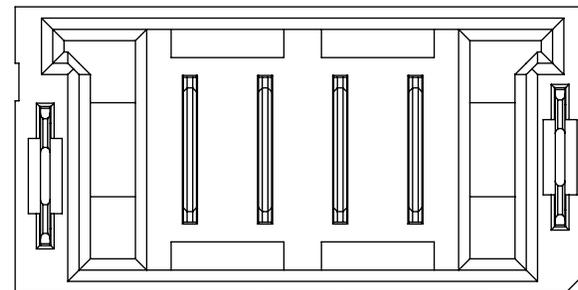
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DWG. NO. UMPT-XX-XX.X-XX-V-X-X-X-X-XX

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**FIG 7**  
 UMPT-05-07.5-XX-V-S SHOWN  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



**FIG 8**  
 UMPT-04-12.5-XX-V-S-W SHOWN  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1 & 2)

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