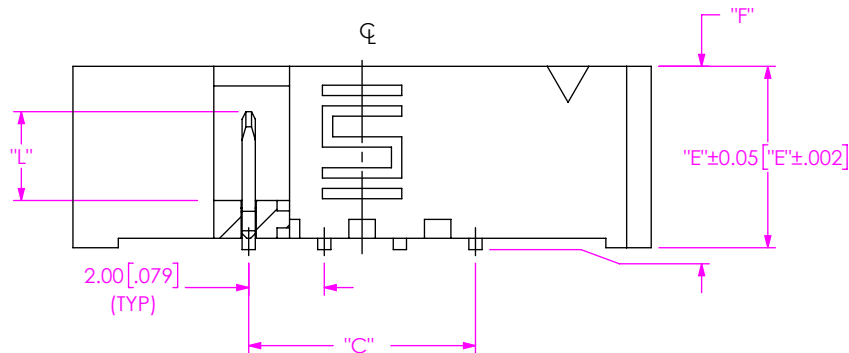
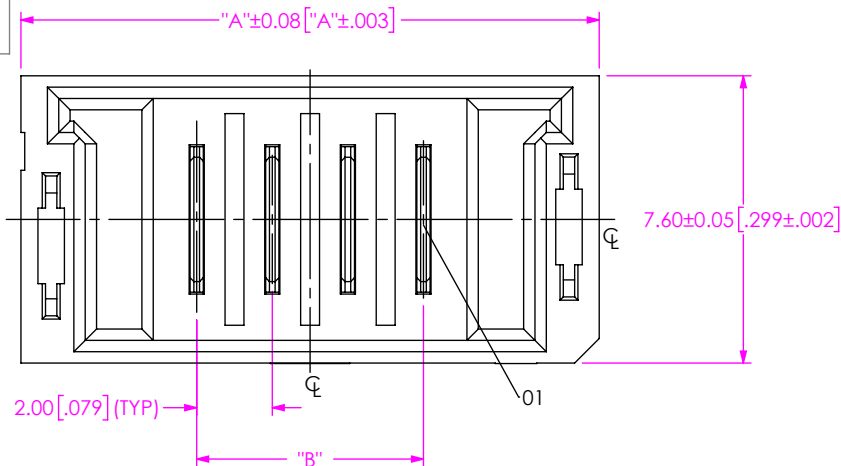


DO NOT
SCALE FROM
THIS PRINT

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: 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

-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
**-WS: WELD TAB SURFACE MOUNT
(ONLY TOOLED ON -01.5 LEAD STYLE)

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 [0.062]PCB
*T2: THROUGH HOLE FOR 2.36 [0.093]PCB

ORIENTATION

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

FIG 1

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

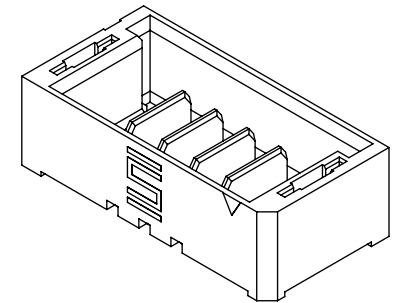
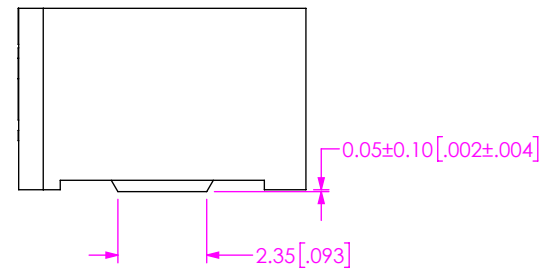


TABLE 1

No OF POSITIONS	"A"	"B"	"C"	"D"	"J"
-02	11.30 [0.445]	2.00 [0.079]	2.00 [0.079]	9.70 [0.382]	1.59 [0.062]
-03	13.30 [0.524]	4.00 [0.157]	4.00 [0.157]	11.70 [0.461]	2.59 [0.102]
-04	15.30 [0.602]	6.00 [0.236]	6.00 [0.236]	13.70 [0.539]	3.59 [0.141]
-05	17.30 [0.681]	8.00 [0.315]	8.00 [0.315]	15.70 [0.618]	4.59 [0.181]
-06	19.30 [0.760]	10.00 [0.394]	10.00 [0.394]	17.70 [0.697]	5.59 [0.220]
-07	21.30 [0.839]	12.00 [0.472]	12.00 [0.472]	19.70 [0.776]	6.59 [0.259]
-08	23.30 [0.917]	14.00 [0.551]	14.00 [0.551]	21.70 [0.854]	7.59 [0.299]
-09	25.30 [0.996]	16.00 [0.630]	16.00 [0.630]	23.70 [0.933]	8.59 [0.338]
-10	27.30 [1.075]	18.00 [0.709]	18.00 [0.709]	25.70 [1.012]	9.59 [0.377]

TABLE 2

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

TABLE 3

LEAD STYLE	"E"	"F"	"G"	"K"	"L"
-01.5	4.80 [0.189]	4.85 [0.191]	4.93 [0.194]	N/A	2.35 [0.093]
-01.5-H	4.80 [0.189]	4.85 [0.191]	4.93 [0.194]	1.50 [0.059]	2.35 [0.093]
-06.5	9.55 [0.376]	9.60 [0.378]	9.68 [0.381]	N/A	2.60 [0.102]
-06.5-H	9.55 [0.376]	9.60 [0.378]	9.68 [0.381]	1.75 [0.069]	2.60 [0.102]

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,
SPICES MAY BE PRESENT.
- NOTE DELETED.

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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

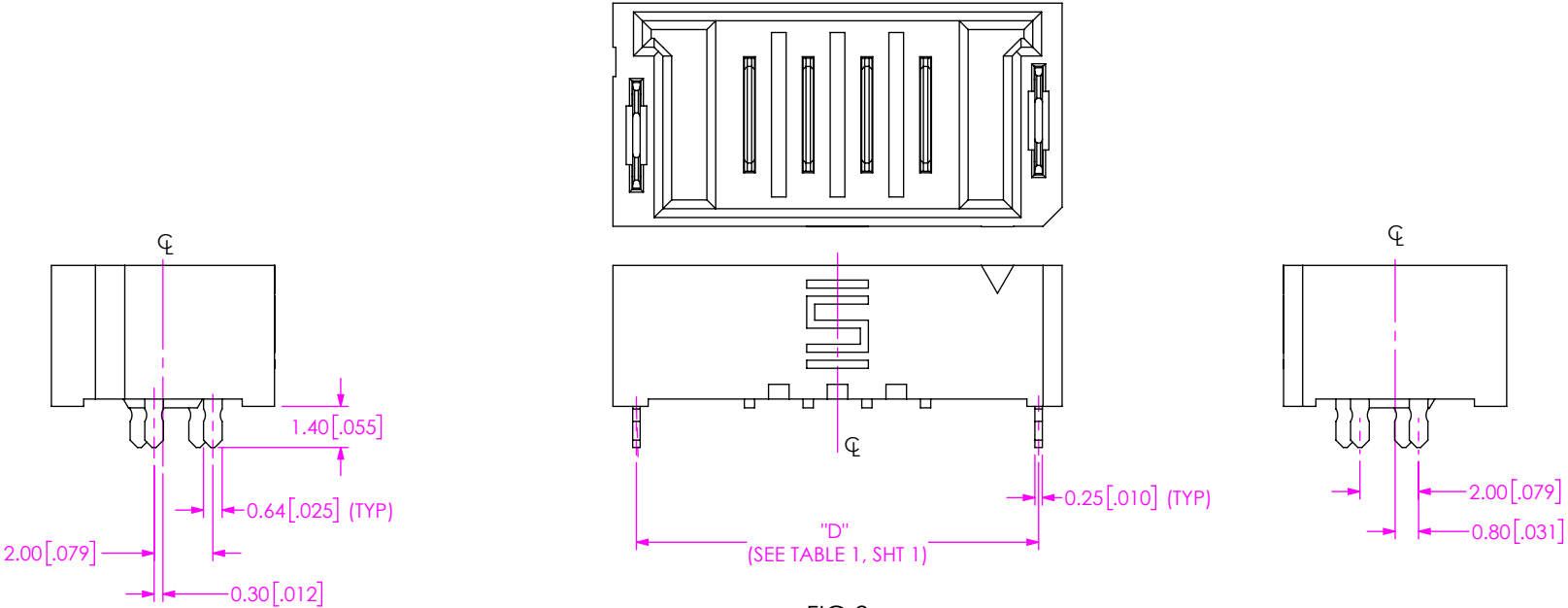


FIG 2
UMPT-04-01.5-X-VT-SM-WT SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

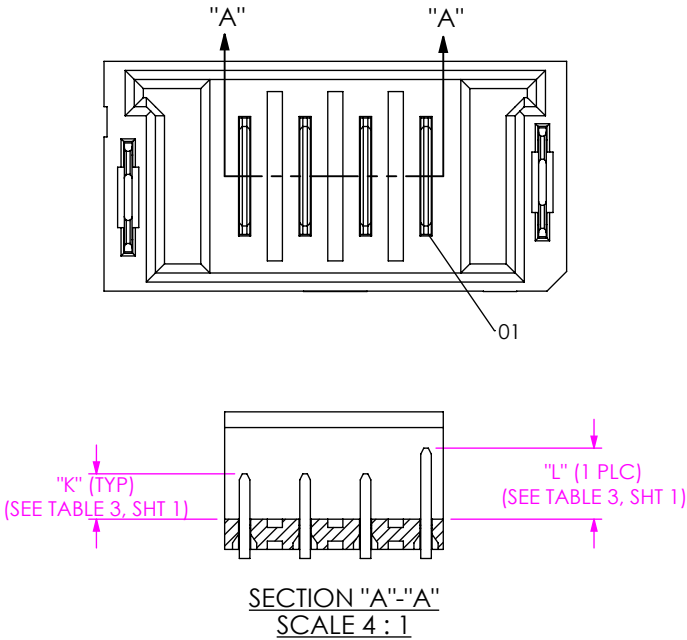


FIG 4
UMPT-04-01.5-X-VT-SM-H-WT SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1 & 2)

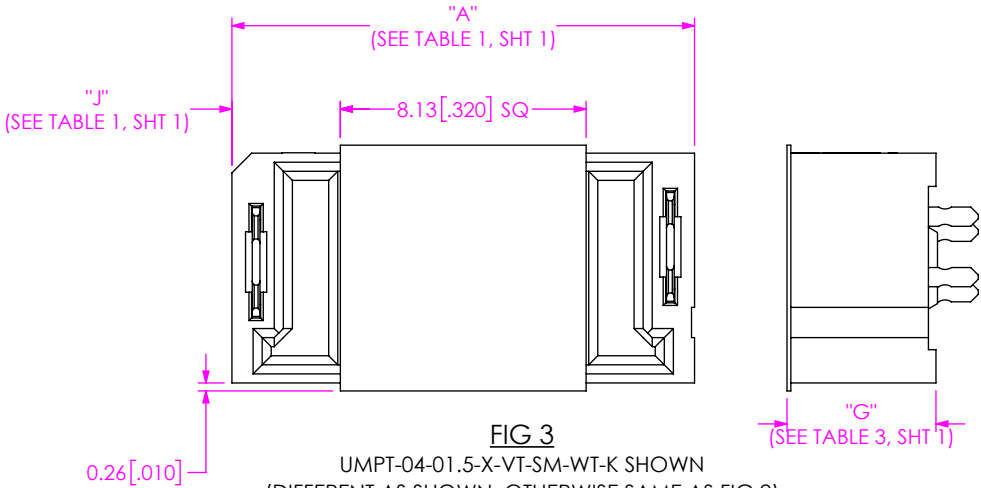


FIG 3
UMPT-04-01.5-X-VT-SM-WT-K SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

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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

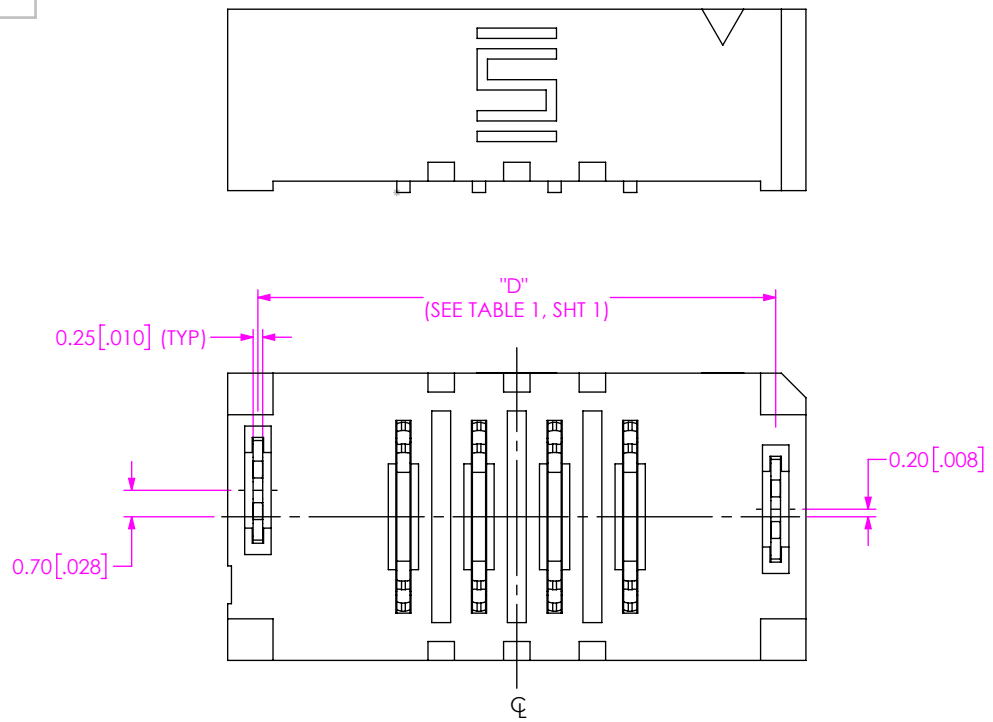


FIG 5
UMPT-04-01.5-X-VT-SM-WS SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

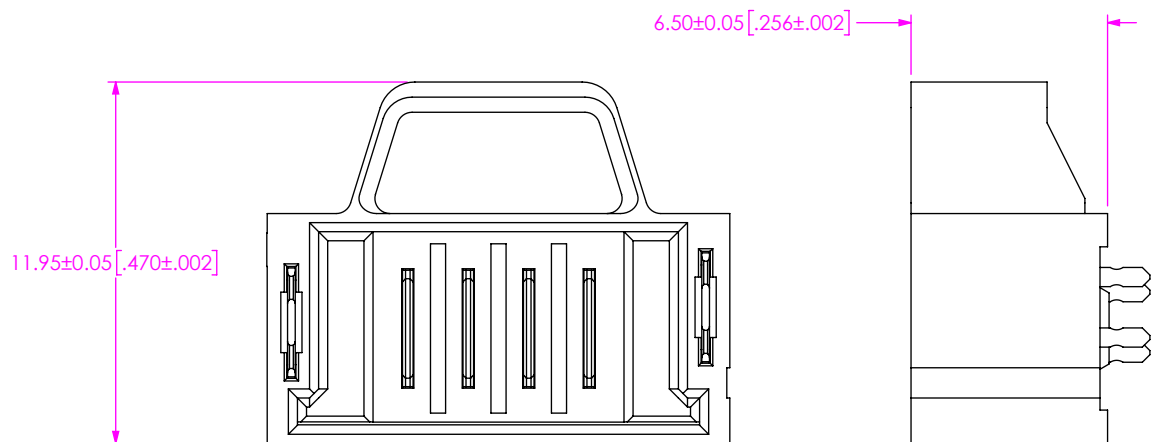


FIG 6
UMPT-04-02.5-X-VT-SM-WT-P SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

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SHEET SCALE: 5:1

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 3 OF 4

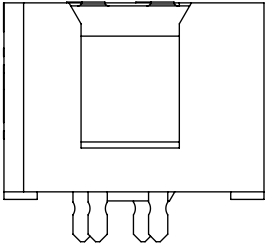
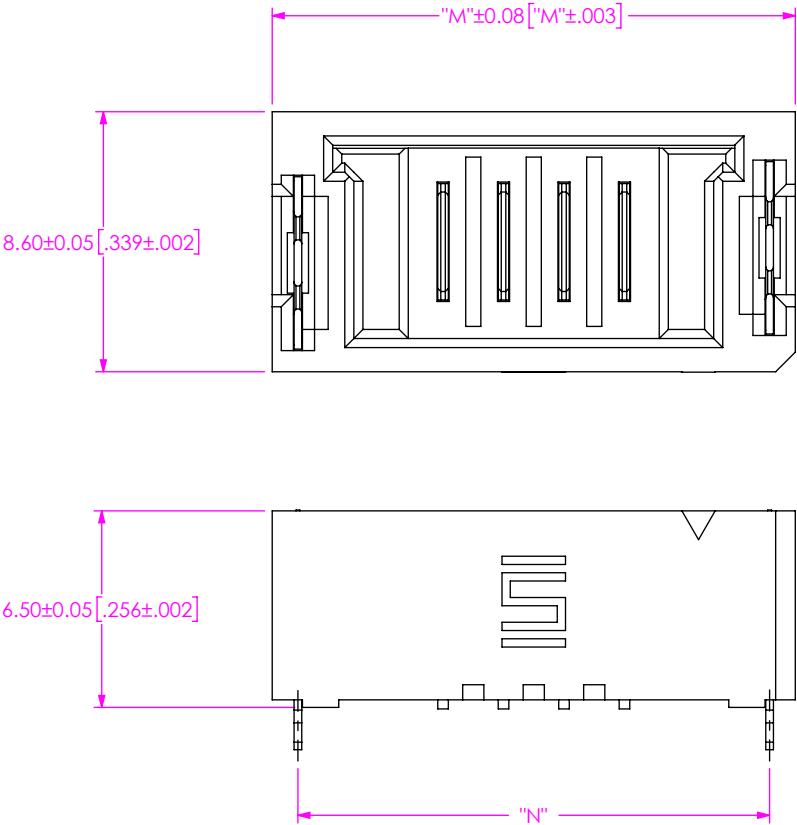


FIG 7
UMPT-04-02.5-X-VT-SM-WT-M SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

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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SHEET SCALE: 5:1

MATERIAL:
INSULATOR: LCP
CONTACT OR TERMINAL:
SHIELD: PHOS BRONZE

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PHONE: 812-944-6733 FAX: 812-948-5047
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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 4 OF 4