

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

T1M-XX-XX-DH

PATENT PENDING

No OF POSITIONS (PER ROW)  
-02 THRU -20

TAIL OPTION  
-DH: HORIZONTAL

PLATING SPECIFICATION  
-T: MATTE TIN CONTACT AND TAIL  
(FOR EXISTING CUSTOMER ONLY)  
-GF: 3μ" GOLD CONTACT AND TAIL

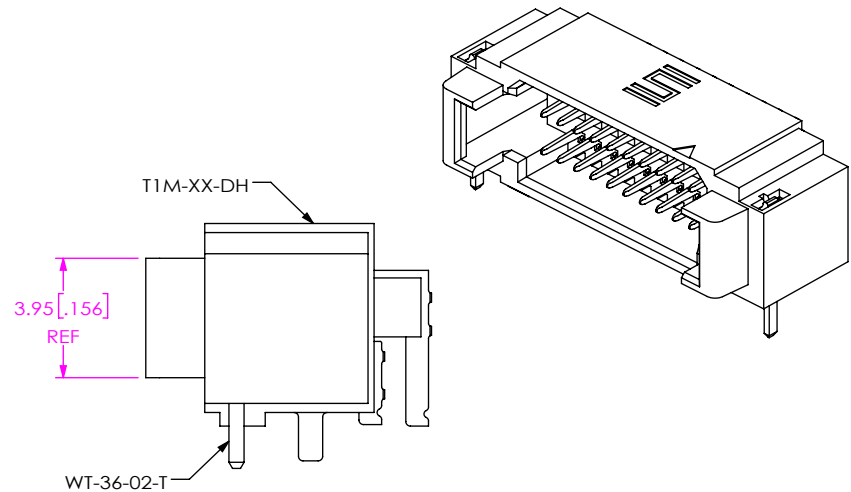
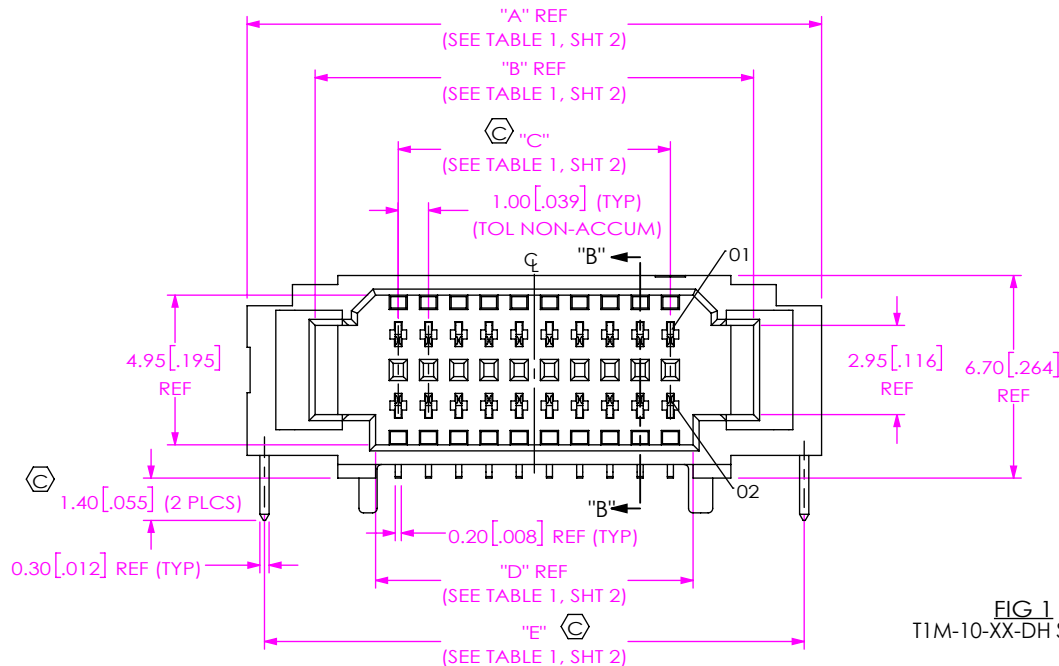
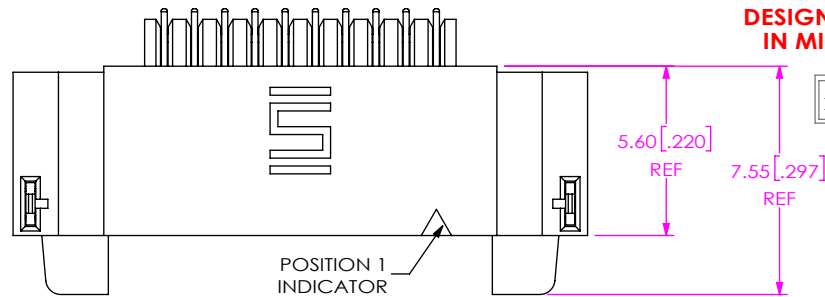
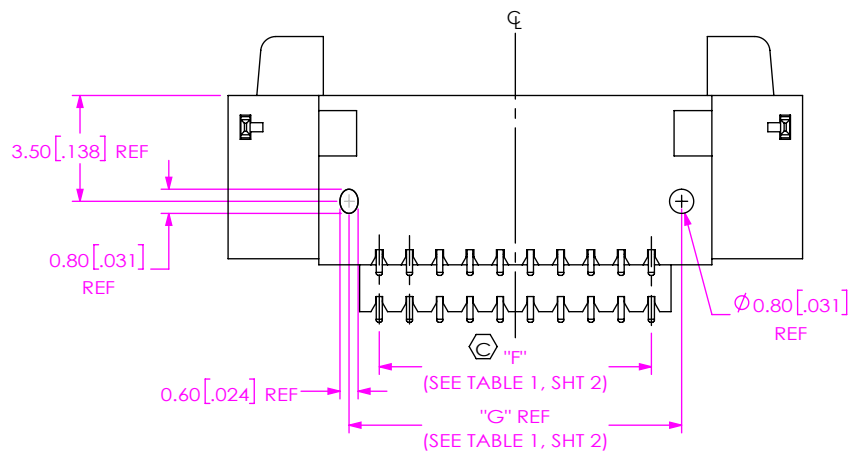


FIG 1  
T1M-10-XX-DH SHOWN



NOTES:

1. Ⓞ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: SIGNAL: 2.22N [.5 LB], WELD TAB: 4.90N [1 LB].
3. PARTS TO BE PACKAGED IN TAPE AND REEL.  
FOR QUANTITIES UP TO 49 PIECES, NO LEADER, TRAILER, OR REEL WILL BE SUPPLIED.  
FOR QUANTITIES OF 50-124 PIECES, NO LEADER OR TRAILER WILL BE SUPPLIED.

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN MILLIMETERS.  
TOLERANCES ARE:  
DECIMALS ANGLES  
X.X: ±0.3 [0.1]  
X.XX: ±0.13 [0.05]  
X.XXX: ±0.051 [0.020]

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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

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:1  
INSULATOR: LCP UL 94-V0 COLOR: NATURAL  
TERMINAL: PHOS BRONZE  
WELD TAB: PHOS BRONZE

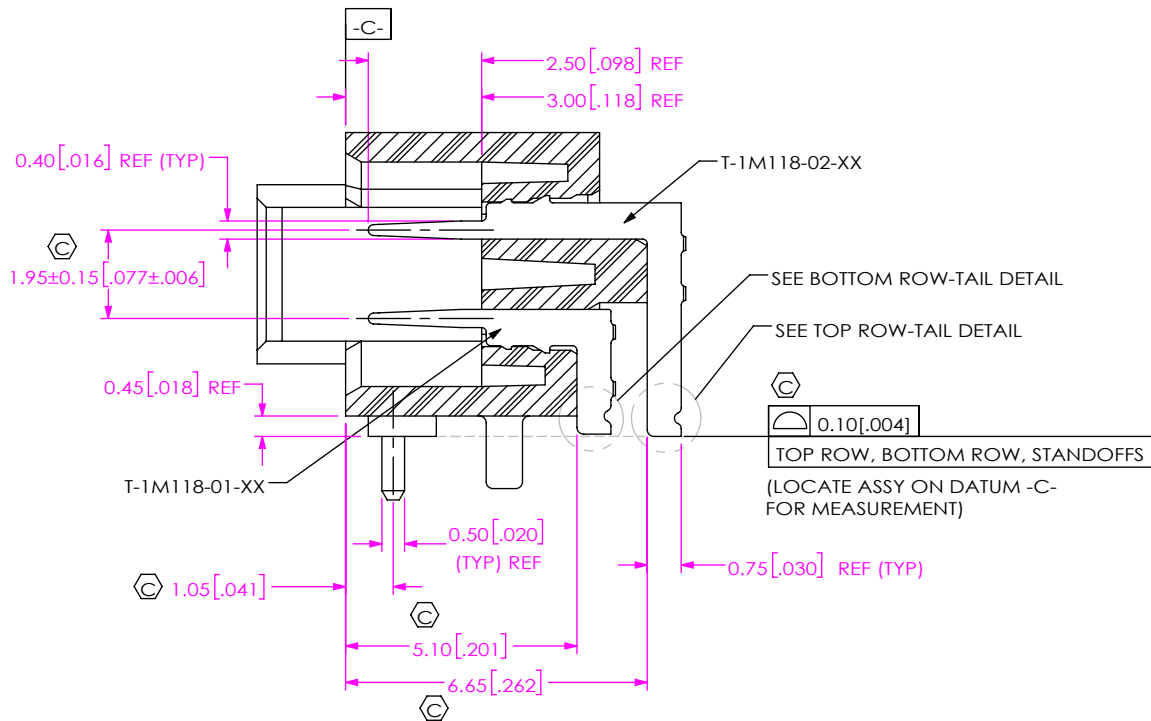
DESCRIPTION:  
1 MM DOUBLE ROW DISCRETE WIRE HEADER

DWG. NO. T1M-XX-XX-DH

BY: ROY LUO 06/22/2013 SHEET 1 OF 3

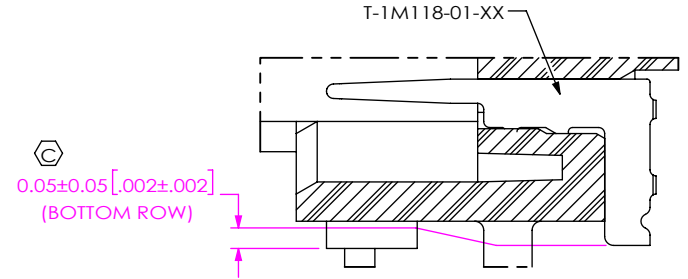
TABLE 1

No OF POS	"A"	"B"	"C"	"D"	"E"	"F"	"G"
-02	11.00 [0.433]	6.50 [0.256]	1.00 [0.039]	2.50 [0.098]	9.850 [0.3878]	1.000 [0.0394]	3.00 [0.118]
-03	12.00 [0.472]	7.50 [0.295]	2.00 [0.079]	3.50 [0.138]	10.850 [0.4272]	2.000 [0.0787]	4.00 [0.157]
-04	13.00 [0.512]	8.50 [0.335]	3.00 [0.118]	4.50 [0.177]	11.850 [0.4665]	3.000 [0.1181]	5.00 [0.197]
-05	14.00 [0.551]	9.50 [0.374]	4.00 [0.157]	5.50 [0.217]	12.850 [0.5059]	4.000 [0.1575]	6.00 [0.236]
-06	15.00 [0.591]	10.50 [0.413]	5.00 [0.197]	6.50 [0.256]	13.850 [0.5453]	5.000 [0.1969]	7.00 [0.276]
-07	16.00 [0.630]	11.50 [0.453]	6.00 [0.236]	7.50 [0.295]	14.850 [0.5846]	6.000 [0.2362]	8.00 [0.315]
-08	17.00 [0.669]	12.50 [0.492]	7.00 [0.276]	8.50 [0.335]	15.850 [0.6240]	7.000 [0.2756]	9.00 [0.354]
-09	18.00 [0.709]	13.50 [0.531]	8.00 [0.315]	9.50 [0.374]	16.850 [0.6634]	8.000 [0.3150]	10.00 [0.394]
-10	19.00 [0.748]	14.50 [0.571]	9.00 [0.354]	10.50 [0.413]	17.850 [0.7028]	9.000 [0.3543]	11.00 [0.433]
-11	20.00 [0.787]	15.50 [0.610]	10.00 [0.394]	11.50 [0.453]	18.850 [0.7421]	10.000 [0.3937]	12.00 [0.472]
-12	21.00 [0.827]	16.50 [0.650]	11.00 [0.433]	12.50 [0.492]	19.850 [0.7815]	11.000 [0.4331]	13.00 [0.512]
-13	22.00 [0.866]	17.50 [0.689]	12.00 [0.472]	13.50 [0.531]	20.850 [0.8209]	12.000 [0.4724]	14.00 [0.551]
-14	23.00 [0.906]	18.50 [0.728]	13.00 [0.512]	14.50 [0.571]	21.850 [0.8602]	13.000 [0.5118]	15.00 [0.591]
-15	24.00 [0.945]	19.50 [0.768]	14.00 [0.551]	15.50 [0.610]	22.850 [0.8996]	14.000 [0.5512]	16.00 [0.630]
-16	25.00 [0.984]	20.50 [0.807]	15.00 [0.591]	16.50 [0.650]	23.850 [0.9390]	15.000 [0.5906]	17.00 [0.669]
-17	26.00 [1.024]	21.50 [0.846]	16.00 [0.630]	17.50 [0.689]	24.850 [0.9783]	16.000 [0.6299]	18.00 [0.709]
-18	27.00 [1.063]	22.50 [0.886]	17.00 [0.669]	18.50 [0.728]	25.850 [1.0177]	17.000 [0.6693]	19.00 [0.748]
-19	28.00 [1.102]	23.50 [0.925]	18.00 [0.709]	19.50 [0.768]	26.850 [1.0571]	18.000 [0.7087]	20.00 [0.787]
-20	29.00 [1.142]	24.50 [0.965]	19.00 [0.748]	20.50 [0.807]	27.850 [1.0965]	19.000 [0.7480]	21.00 [0.827]

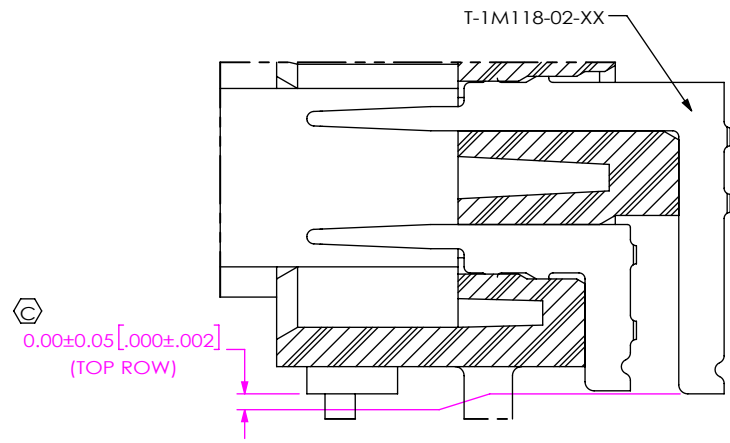


SECTION "B"-"B"  
SCALE 6 : 1

F:\DWG\MISC\MKTG\T1M-XX-XX-DH-MKT.SLDDRW



BOTTOM ROW-TAIL DETAIL  
(LOCATE ASSY ON DATUM -C- FOR MEASUREMENT)



TOP ROW-TAIL DETAIL  
(LOCATE ASSY ON DATUM -C- FOR MEASUREMENT)

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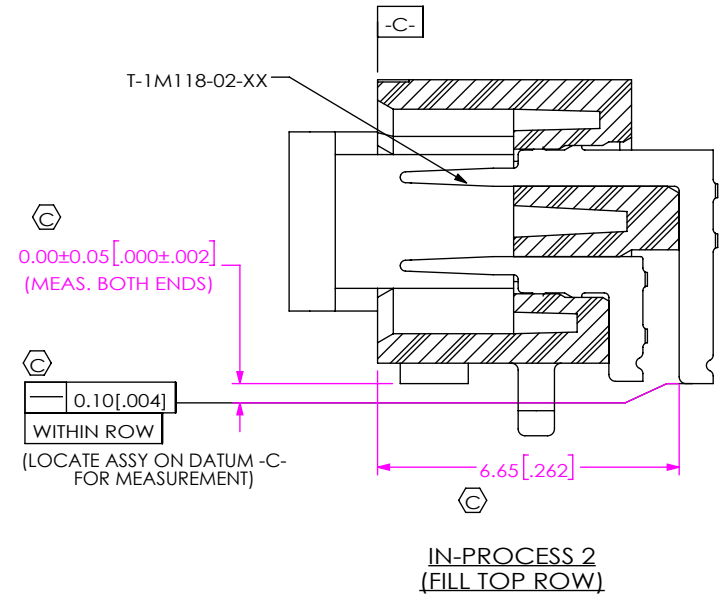
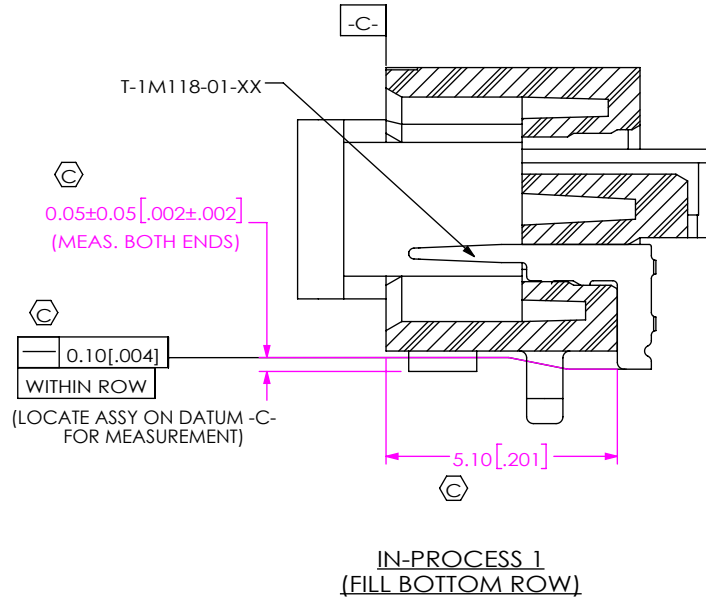
DO NOT SCALE DRAWING

SHEET SCALE: 6:1

DESCRIPTION:  
1 MM DOUBLE ROW DISCRETE WIRE HEADER

DWG. NO.  
T1M-XX-XX-DH

BY: ROY LUO 06/22/2013 SHEET 2 OF 3



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DESCRIPTION:  
1 MM DOUBLE ROW DISCRETE WIRE HEADER  
DWG. NO.

T1M-XX-XX-DH

BY: ROY LUO 06/22/2013 SHEET 3 OF 3