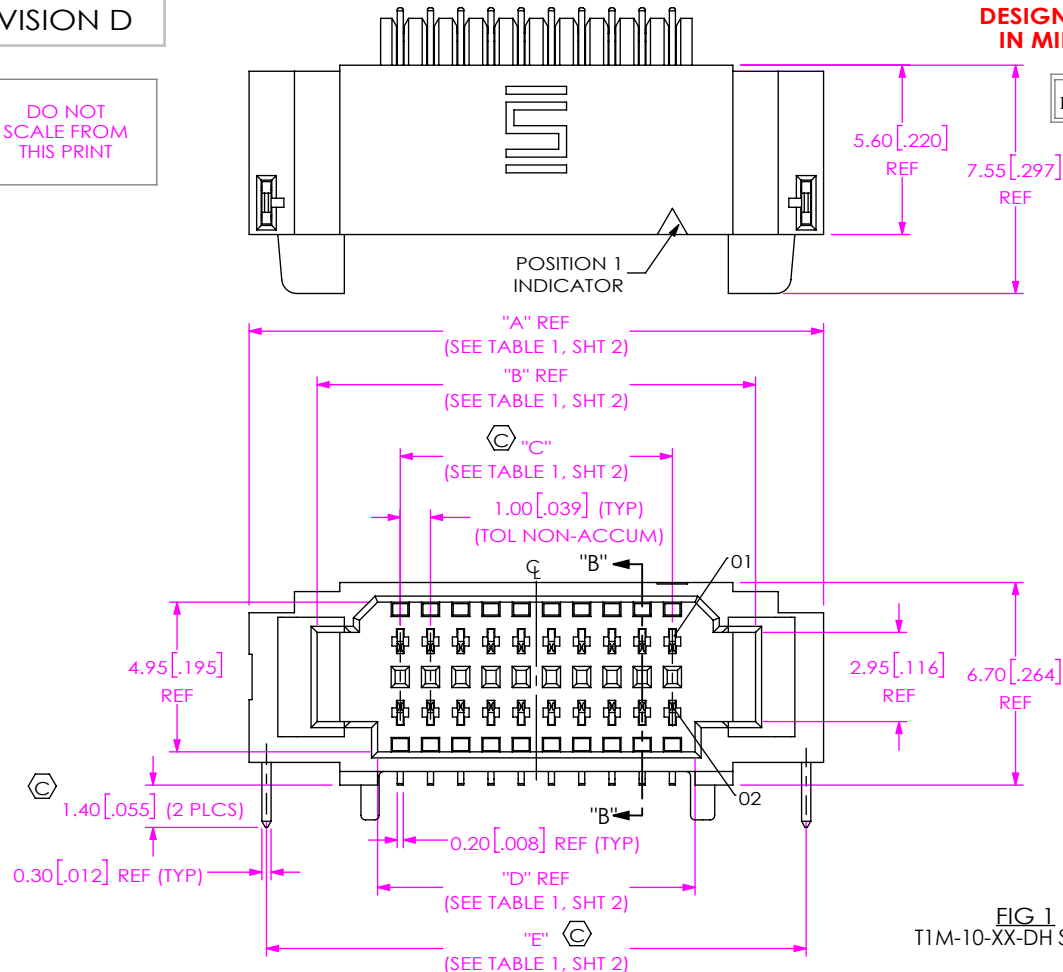
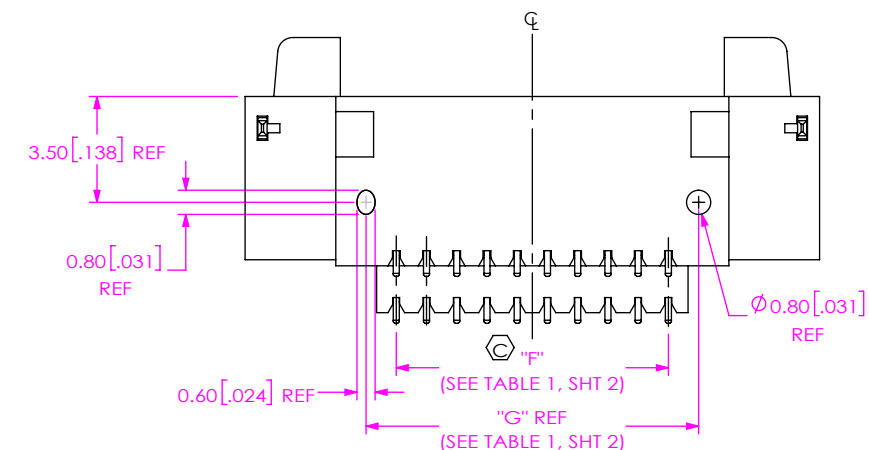
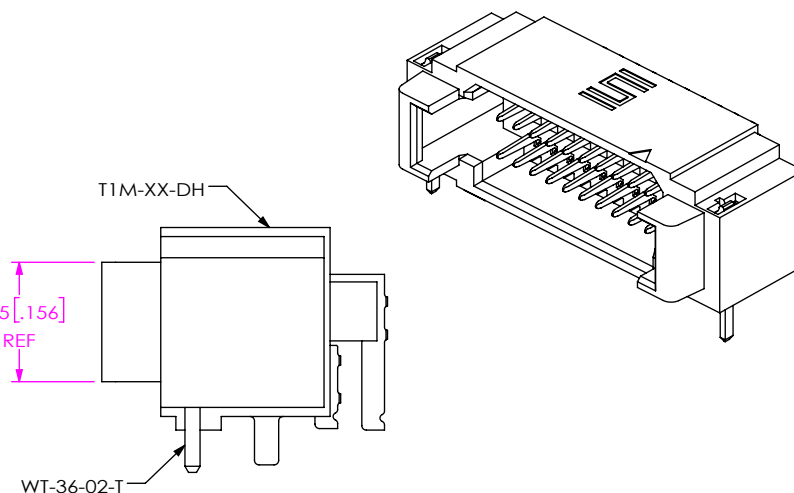


DO NOT
SCALE FROM
THIS PRINTDESIGNED & DIMENSIONED
IN MILLIMETERS [INCHES]

T1M-XX-XX-DH

No OF POSITIONS (PER ROW)
-02 THRU -20TAIL OPTION
-DH: HORIZONTALPLATING SPECIFICATION
-T: MATTE TIN CONTACT AND TAIL
(FOR EXISTING CUSTOMER ONLY)
-GF: 3μ" GOLD CONTACT AND TAIL

PATENT PENDING

FIG 1
T1M-10-XX-DH SHOWN

NOTES:

1. $\odot$ 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 [.01]	2°
X.XX: ± 0.13 [.005]	
X.XXX: ± 0.051 [.0020]	

* PROPRIETARY NOTE *

THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

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

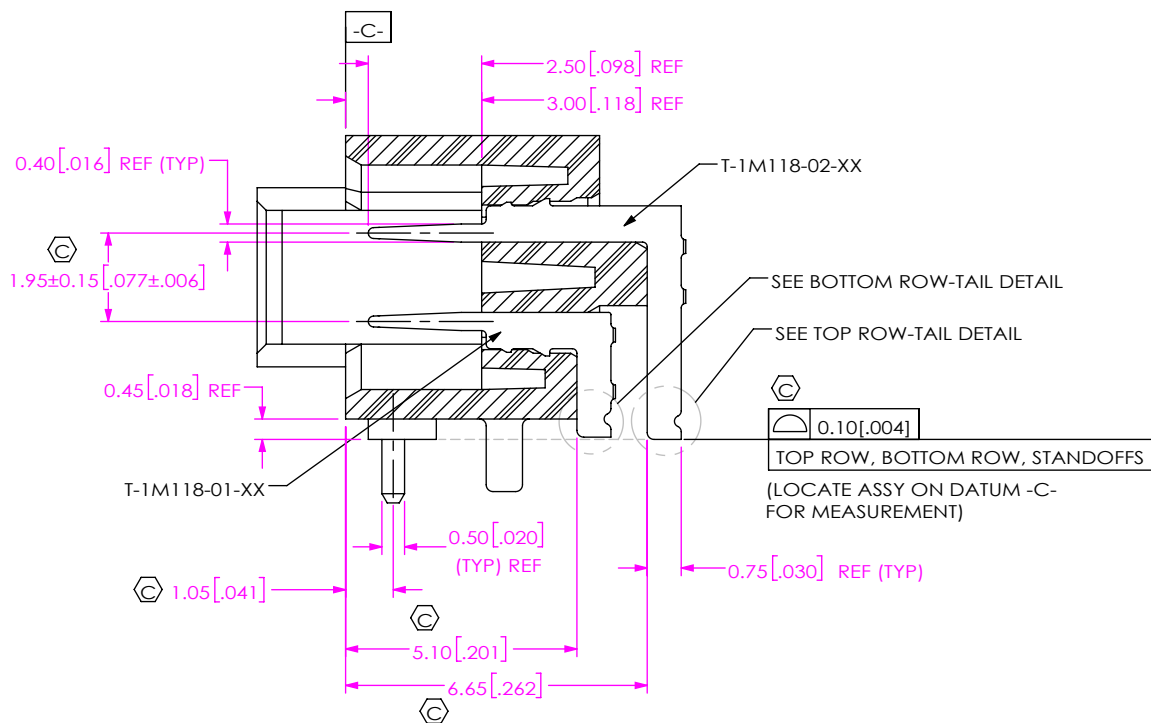
DWG. NO.

T1M-XX-XX-DH

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

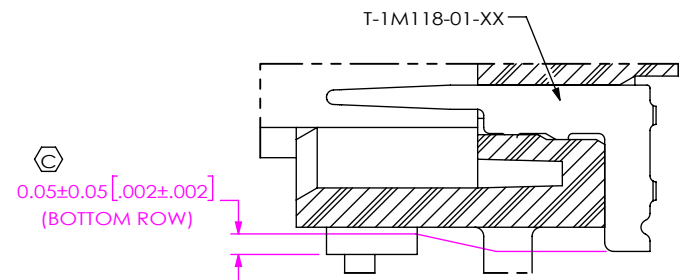
TABLE 1

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]

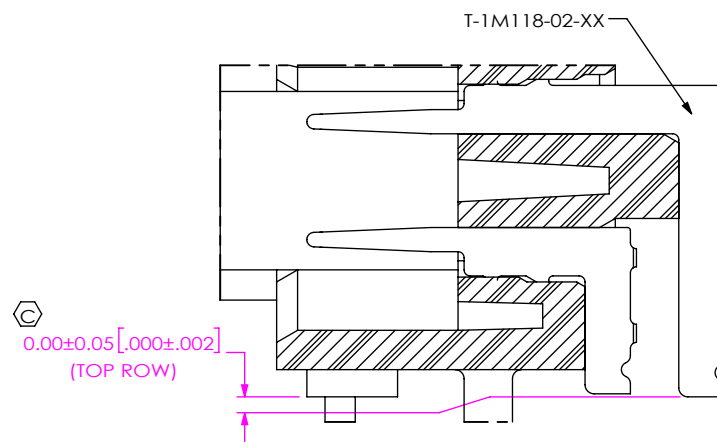


SECTION "B"-"B"
SCALE 6:1

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)

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

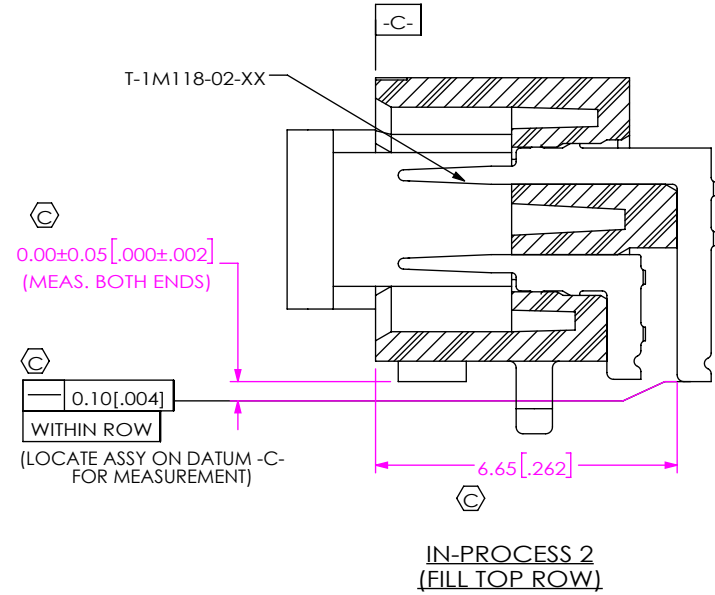
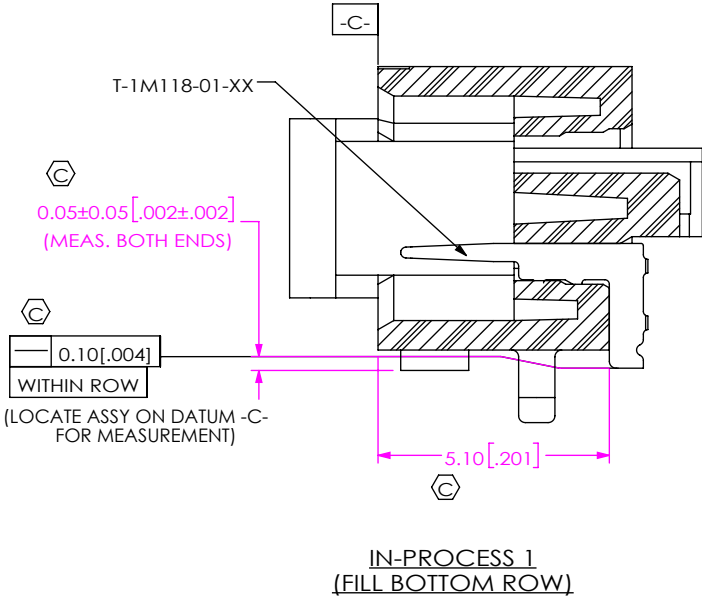
DO NOT SCALE DRAWING

SHEET SCALE: 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



• PROPRIETARY NOTE •
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.



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: 6:1

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

T1M-XX-XX-DH

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[T1M-20-GF-DH](#) [T1M-11-GF-DH](#) [T1M-12-GF-DH](#) [T1M-13-GF-DH](#) [T1M-14-GF-DH](#) [T1M-15-GF-DH](#) [T1M-16-GF-DH](#)
[T1M-17-GF-DH](#) [T1M-18-GF-DH](#) [T1M-19-GF-DH](#)