

DO NOT
SCALE FROM
THIS PRINT

DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

PATENT PENDING

T1M-XX-XX-DH

NO OF POSITIONS (PER ROW)

-02 THRU -10
**-11 THRU **-20

TAIL OPTION

-DH: HORIZONTAL

PLATING SPECIFICATION

-T: MATTE TIN CONTACT AND TAIL
-GF: 3μ" GOLD CONTACT AND TAIL

(** = NOT RELEASED FOR PRODUCTION)

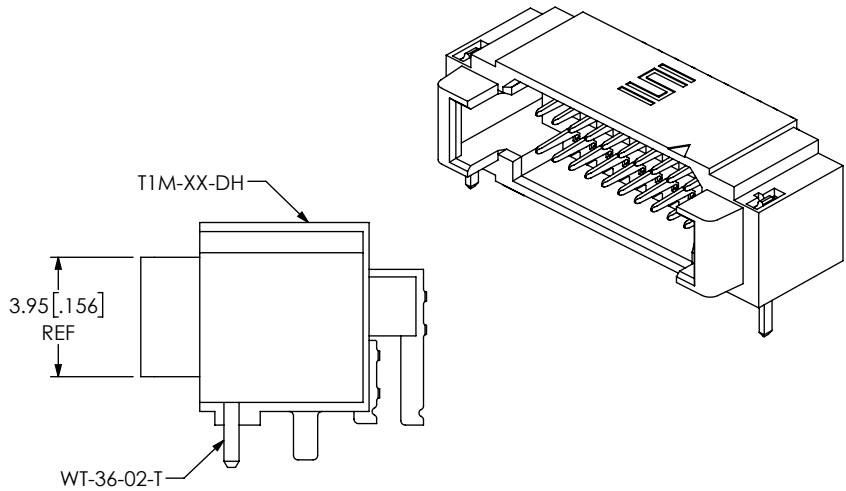
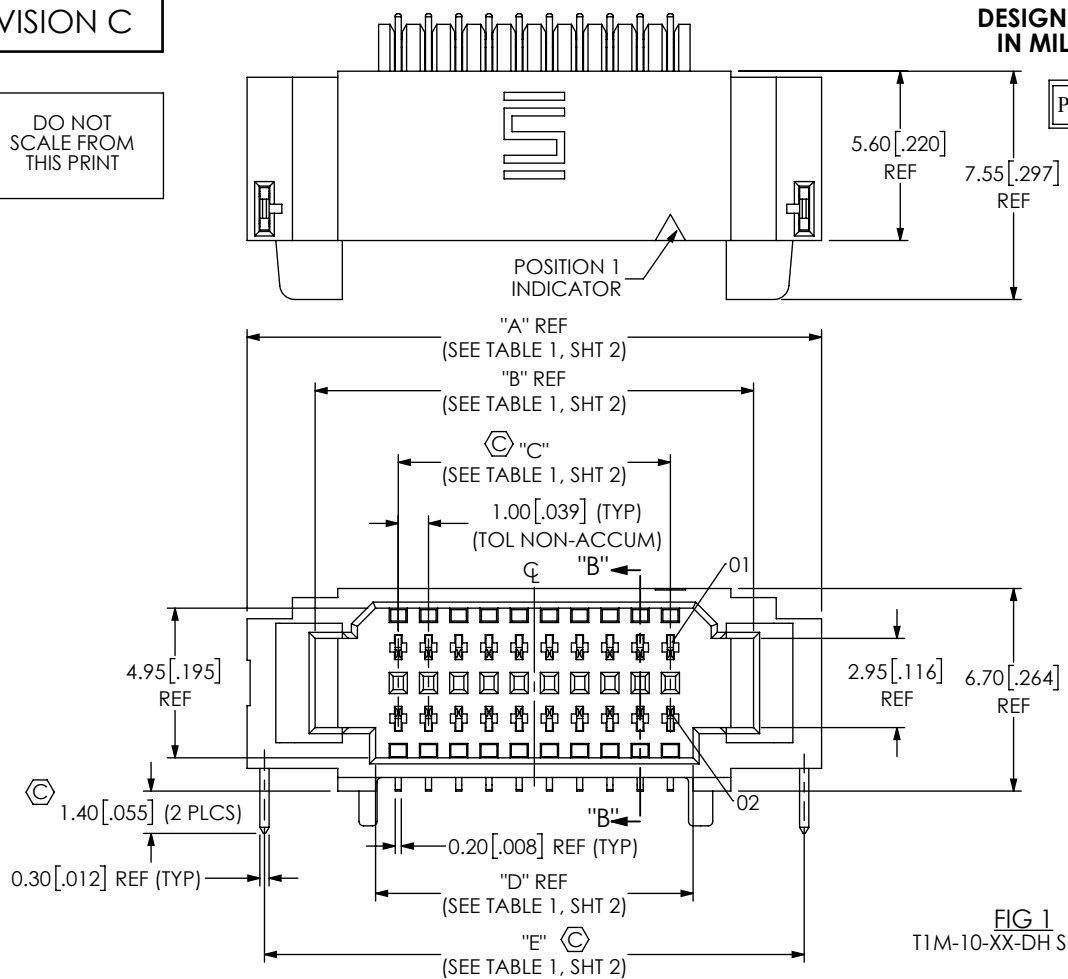
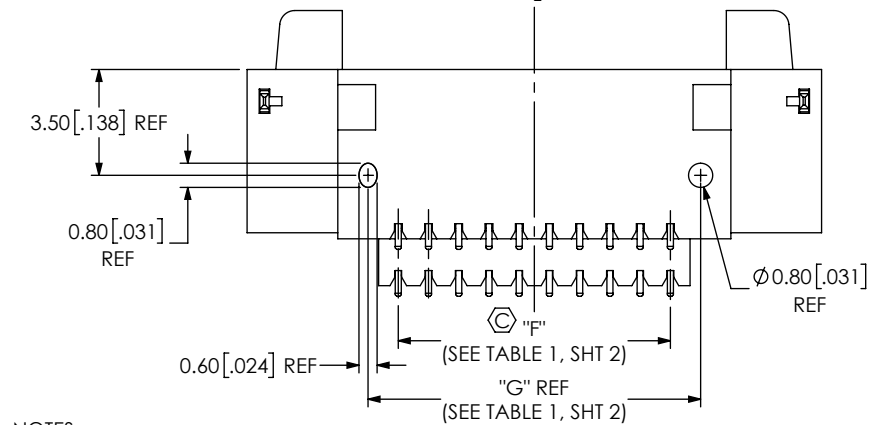


FIG 1
T1M-10-XX-DH SHOWN



NOTES:

1. (C) 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

samtec

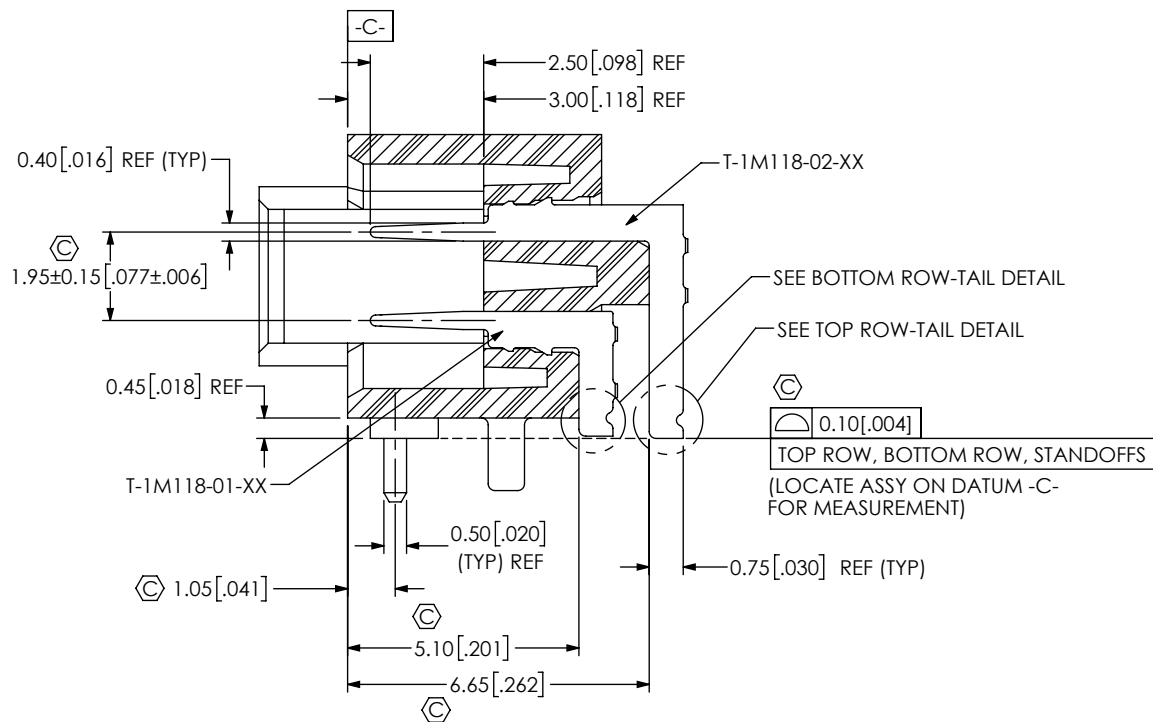
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
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]

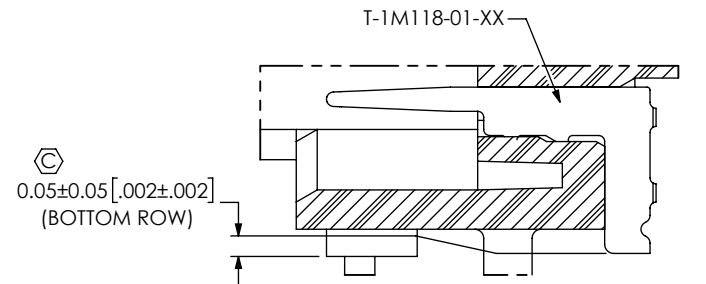
(** = NOT RELEASED FOR PRODUCTION)



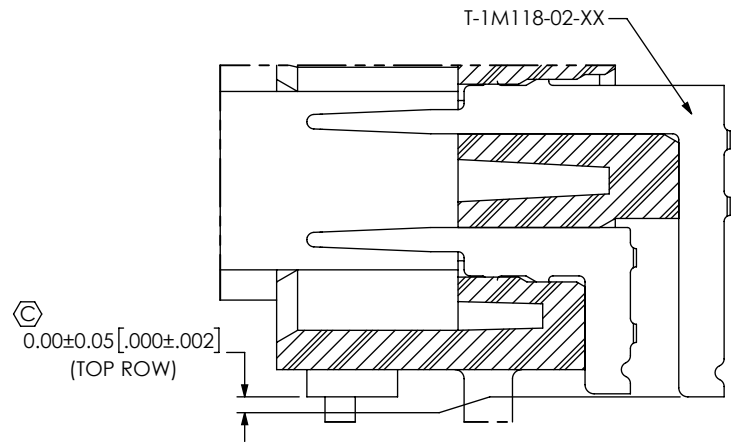
SECTION "B"- "B"

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

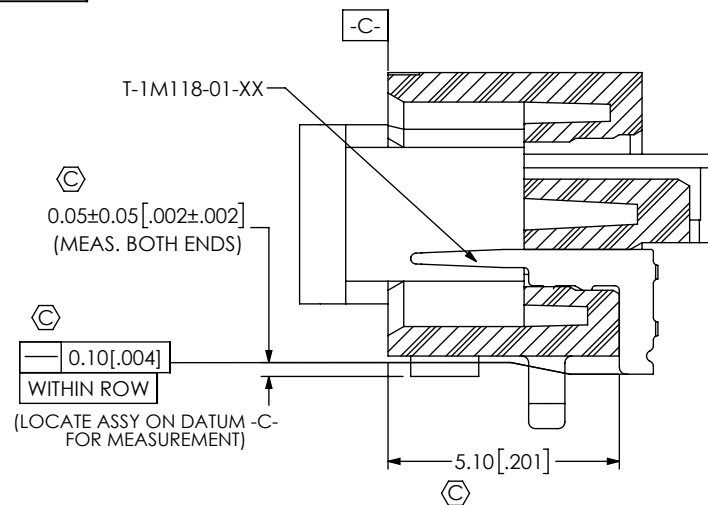
DO NOT SCALE DRAWING

SHEET SCALE: 6:1

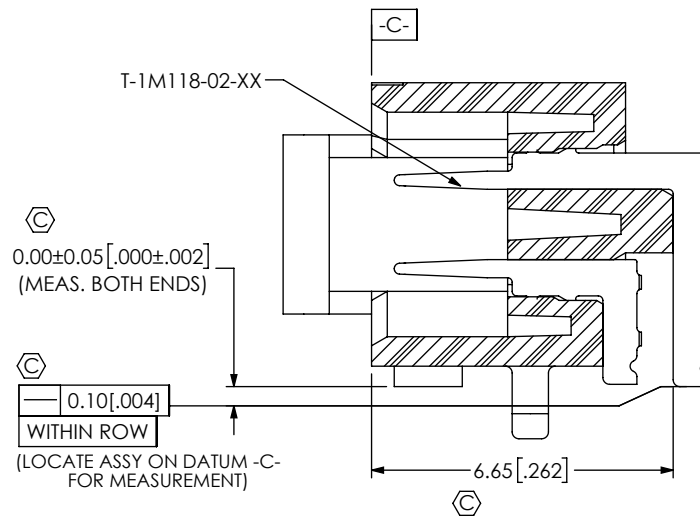
DESCRIPTION:
1 MM DOUBLE ROW DISCRETE WIRE HEADER

DWG. NO. **T1M-XX-XX-DH**

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



IN-PROCESS 1
(FILL BOTTOM ROW)



IN-PROCESS 2
(FILL TOP ROW)

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 3 OF 3