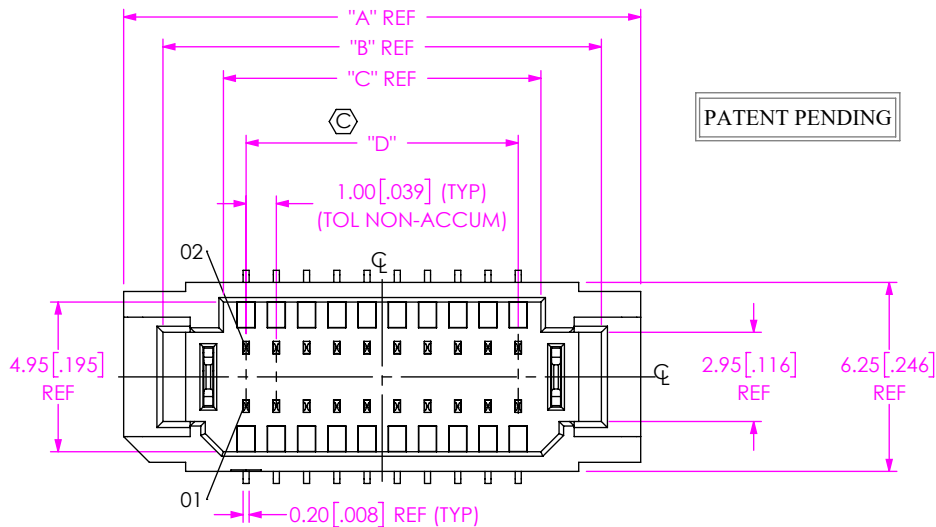


DO NOT  
SCALE FROM  
THIS PRINT



PATENT PENDING

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

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

OPTION  
TAPE & REEL (SEE NOTES 3.4 & 5)  
-BLANK: TAPE & REEL  
-FR: FULL REEL QTY TAPE & REEL

OPTION  
-K: POLYAMIDE FILM  
(SEE FIG 2 & TABLE 2, SHT 3)

TAIL OPTION  
-DV: VERTICAL

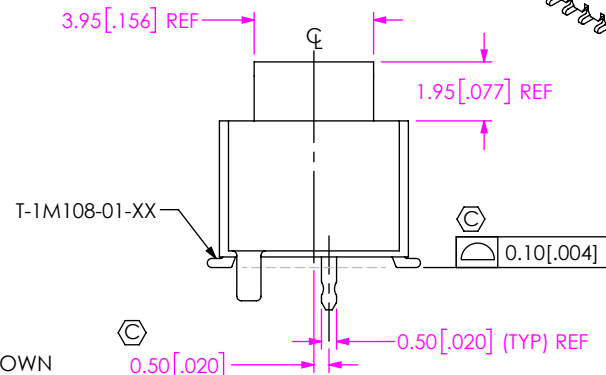
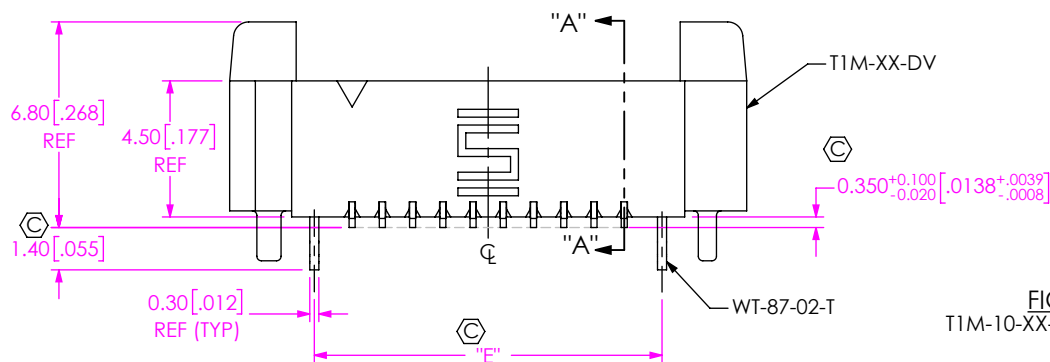
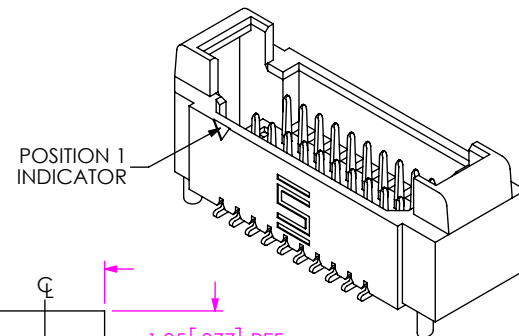
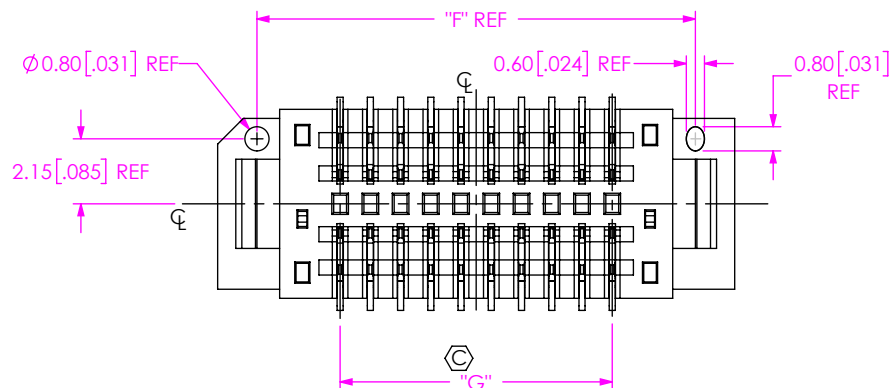


FIG 1  
T1M-10-XX-DV SHOWN



NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: SIGNAL: 2.23N [0.5 LB], WELD TAB: 4.45N [1 LB].
3. PARTS TO BE PACKAGED IN TAPE AND REEL.
4. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
5. ATTACH LABEL TO EACH REEL.

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]

PROPRIETARY NOTE

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



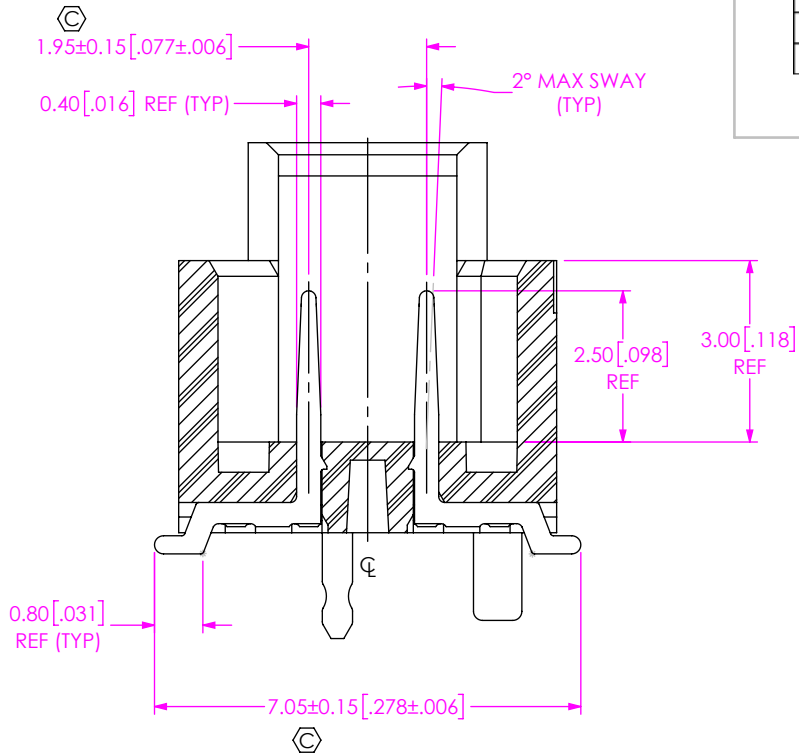
520 PARK EAST BLVD., NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 53322

DESCRIPTION:  
1 MM DOUBLE ROW DISCRETE WIRE HEADER

DWG. NO. T1M-XX-XX-DV-X-XR


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

No OF POS	"A"	"B"	"C"	"D"	"E"	"F"	"G"
-02	9.10 [0.358]	6.50 [0.256]	2.50 [0.098]	1.00 [0.039]	3.500 [0.1378]	6.50 [0.256]	1.000 [0.0394]
-03	10.10 [0.398]	7.50 [0.295]	3.50 [0.138]	2.00 [0.079]	4.500 [0.1772]	7.50 [0.295]	2.000 [0.0787]
-04	11.10 [0.437]	8.50 [0.335]	4.50 [0.177]	3.00 [0.118]	5.500 [0.2165]	8.50 [0.335]	3.000 [0.1181]
-05	12.10 [0.476]	9.50 [0.374]	5.50 [0.217]	4.00 [0.157]	6.500 [0.2559]	9.50 [0.374]	4.000 [0.1575]
-06	13.10 [0.516]	10.50 [0.413]	6.50 [0.256]	5.00 [0.197]	7.500 [0.2953]	10.50 [0.413]	5.000 [0.1969]
-07	14.10 [0.555]	11.50 [0.453]	7.50 [0.295]	6.00 [0.236]	8.500 [0.3346]	11.50 [0.453]	6.000 [0.2362]
-08	15.10 [0.594]	12.50 [0.492]	8.50 [0.335]	7.00 [0.276]	9.500 [0.3740]	12.50 [0.492]	7.000 [0.2756]
-09	16.10 [0.634]	13.50 [0.531]	9.50 [0.374]	8.00 [0.315]	10.500 [0.4134]	13.50 [0.531]	8.000 [0.3150]
-10	17.10 [0.673]	14.50 [0.571]	10.50 [0.413]	9.00 [0.354]	11.500 [0.4528]	14.50 [0.571]	9.000 [0.3543]
-11	18.10 [0.713]	15.50 [0.610]	11.50 [0.453]	10.00 [0.394]	12.500 [0.4921]	15.50 [0.610]	10.000 [0.3937]
-12	19.10 [0.752]	16.50 [0.650]	12.50 [0.492]	11.00 [0.433]	13.500 [0.5315]	16.50 [0.650]	11.000 [0.4331]
-13	20.10 [0.791]	17.50 [0.689]	13.50 [0.531]	12.00 [0.472]	14.500 [0.5709]	17.50 [0.689]	12.000 [0.4724]
-14	21.10 [0.831]	18.50 [0.728]	14.50 [0.571]	13.00 [0.512]	15.500 [0.6102]	18.50 [0.728]	13.000 [0.5118]
-15	22.10 [0.870]	19.50 [0.768]	15.50 [0.610]	14.00 [0.551]	16.500 [0.6496]	19.50 [0.768]	14.000 [0.5512]
-16	23.10 [0.909]	20.50 [0.807]	16.50 [0.650]	15.00 [0.591]	17.500 [0.6890]	20.50 [0.807]	15.000 [0.5906]
-17	24.10 [0.949]	21.50 [0.846]	17.50 [0.689]	16.00 [0.630]	18.500 [0.7283]	21.50 [0.846]	16.000 [0.6299]
-18	25.10 [0.988]	22.50 [0.886]	18.50 [0.728]	17.00 [0.669]	19.500 [0.7677]	22.50 [0.886]	17.000 [0.6693]
-19	26.10 [1.028]	23.50 [0.925]	19.50 [0.768]	18.00 [0.709]	20.500 [0.8071]	23.50 [0.925]	18.000 [0.7087]
-20	27.10 [1.067]	24.50 [0.965]	20.50 [0.807]	19.00 [0.748]	21.500 [0.8465]	24.50 [0.965]	19.000 [0.7480]



SECTION "A"- "A"  
SCALE 8 : 1

F:\DWG\MISC\MKTG\T1M-XX-DV-X-XR-MKT.SLDDRW

<p>DO NOT SCALE DRAWING</p> <p>SHEET SCALE: 4:1</p>	<p><b>PROPRIETARY NOTE</b></p> <p>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.</p>	 <p>520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322</p>
	<p>DESCRIPTION: 1 MM DOUBLE ROW DISCRETE WIRE HEADER</p>	
	<p>DWG. NO. T1M-XX-XX-DV-X-XR</p>	
<p>BY: ROY LUO 06/22/2013</p>		<p>SHEET 2 OF 3</p>

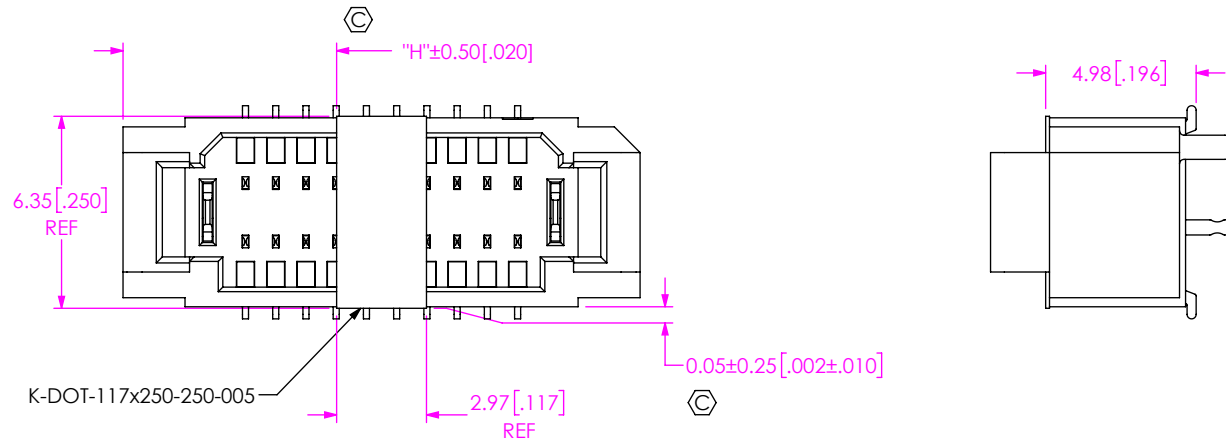


FIG 2  
-K: POLYAMIDE FILM  
(T1M-10-XX-DV-K SHOWN)

TABLE 2	
No OF POS	"H"
-02	3.06 [0.121]
-03	3.56 [0.140]
-04	4.06 [0.160]
-05	4.56 [0.180]
-06	5.06 [0.199]
-07	5.56 [0.219]
-08	6.06 [0.239]
-09	6.56 [0.258]
-10	7.06 [0.278]
-11	7.56 [0.298]
-12	8.06 [0.317]
-13	8.56 [0.337]
-14	9.06 [0.357]
-15	9.56 [0.376]
-16	10.06 [0.396]
-17	10.56 [0.416]
-18	11.06 [0.436]
-19	11.56 [0.455]
-20	12.06 [0.475]

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e-Mail info@SAMTEC.com code 55322

DO NOT SCALE DRAWING  
SHEET SCALE: 4:1

DESCRIPTION:  
1 MM DOUBLE ROW DISCRETE WIRE HEADER

DWG. NO. T1M-XX-XX-DV-X-XR

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