

No of positions (per row)
-02, -03, -04, -05, -06, -07,
-08, -09, -10, -11, -12, -13,
-14, -15, -16, -17, -18, -19 & -20

Plating specification
-T: TIN PLATING
-GF: 3U" MIN Au/50U" Ni IN
CONTACT AND TAIL

Row specification
-S: SINGLE ROW

T1M-XX-XX-S-V-X-TR

Packaging
-TR: TAPE & REEL

Option
-K: POLYAMIDE FILM
(USE K-DOT-157-250-005,
SEE FIG 3, SHT 3)

SMT Type
-V: VERTICAL

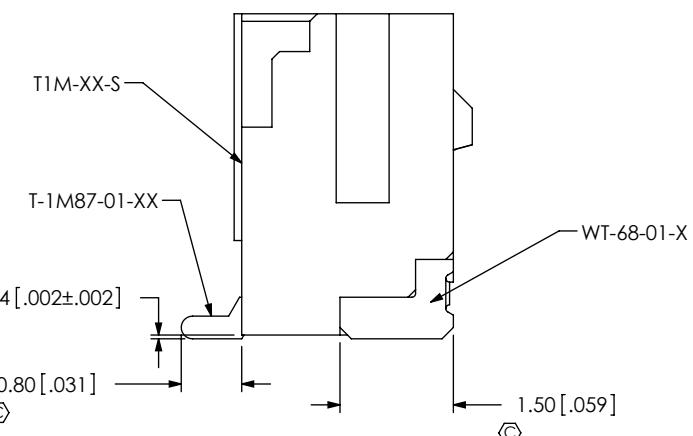
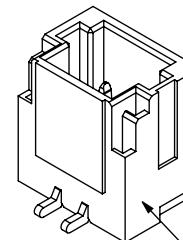


FIG 1
(T1M-02-XX-S-V-TR SHOWN)

NOTES:

- ① Represents a critical dimension.
- MINIMUM PUSHOUT FORCE: SIGNAL: 2.22N [.5 LB], WELD TAB: 4.90N [1 LB].
- 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.
- COPLANARITY MEASUREMENT INCLUDES WT'S.

TABLE 1

SMT TYPE	BODY PART NUMBER	TERMINAL NUMBER	WT PART NUMBER
-V	T1M-XX-S	T-1M87-01-XX	WT-68-01-X

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]

MATERIAL: DO NOT SCALE DRAWING
SHEET SCALE: 10:1
INSULATOR: PPA UL 94-V0, COLOR: BLACK
TERMINAL: PHOS BRONZE
WELD TAB: PHOS BRONZE

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED 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

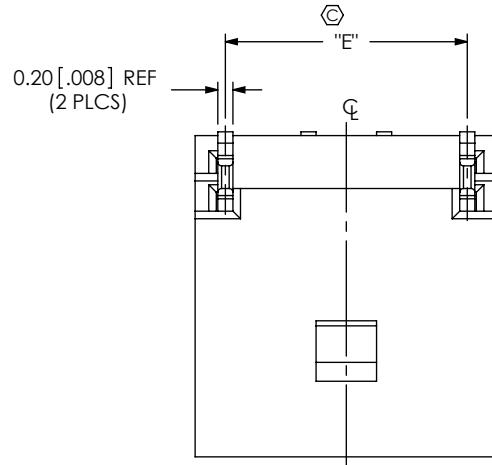
Samtec

DESCRIPTION: 1MM TERMINAL STRIP

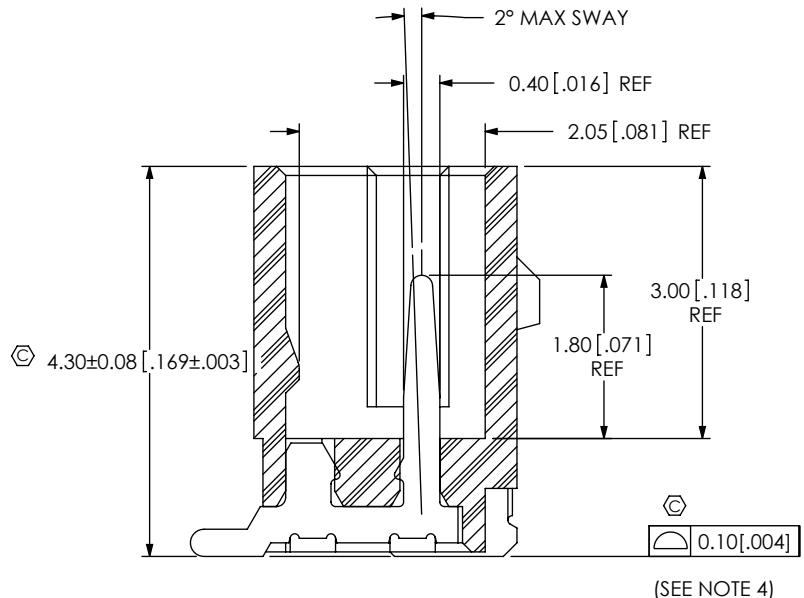
DWG. NO. T1M-XX-XX-S-V-X-TR

BY: ROY LUO 04/08/2010 SHEET 1 OF 3

REVISION D



SECTION "B"-B"
SCALE 10 : 1



SECTION "A"-A"
SCALE 12 : 1

TABLE 2

No. OF POS	"A"	"B"	"C"	"D"	"E"	"F"
-02	4.00 [0.157]	2.500 [0.0984]	1.000 [0.0394]	1.000 [0.0394]	3.20 [0.126]	0.01 [0.000]
-03	5.00 [0.197]	3.500 [0.1378]	2.000 [0.0787]	2.000 [0.0787]	4.20 [0.165]	0.51 [0.020]
-04	6.00 [0.236]	4.500 [0.1772]	3.000 [0.1181]	3.000 [0.1181]	5.20 [0.205]	1.01 [0.040]
-05	7.00 [0.276]	5.500 [0.2165]	4.000 [0.1575]	4.000 [0.1575]	6.20 [0.244]	1.51 [0.059]
-06	8.00 [0.315]	6.500 [0.2559]	5.000 [0.1969]	5.000 [0.1969]	7.20 [0.283]	2.01 [0.079]
-07	9.00 [0.354]	7.500 [0.2953]	6.000 [0.2362]	6.000 [0.2362]	8.20 [0.323]	2.51 [0.099]
-08	10.00 [0.394]	8.500 [0.3346]	7.000 [0.2756]	7.000 [0.2756]	9.20 [0.362]	3.01 [0.119]
-09	11.00 [0.433]	9.500 [0.3740]	8.000 [0.3150]	8.000 [0.3150]	10.20 [0.402]	3.51 [0.138]
-10	12.00 [0.472]	10.500 [0.4134]	9.000 [0.3543]	9.000 [0.3543]	11.20 [0.441]	4.01 [0.158]
-11	13.00 [0.512]	11.500 [0.4528]	10.000 [0.3937]	10.000 [0.3937]	12.20 [0.480]	4.51 [0.178]
-12	14.00 [0.551]	12.500 [0.4921]	11.000 [0.4331]	11.000 [0.4331]	13.20 [0.520]	5.01 [0.197]
-13	15.00 [0.591]	13.500 [0.5315]	12.000 [0.4724]	12.000 [0.4724]	14.20 [0.559]	5.51 [0.217]
-14	16.00 [0.630]	14.500 [0.5709]	13.000 [0.5118]	13.000 [0.5118]	15.20 [0.598]	6.01 [0.237]
-15	17.00 [0.669]	15.500 [0.6102]	14.000 [0.5512]	14.000 [0.5512]	16.20 [0.638]	6.51 [0.256]
-16	18.00 [0.709]	16.500 [0.6496]	15.000 [0.5906]	15.000 [0.5906]	17.20 [0.677]	7.01 [0.276]
-17	19.00 [0.748]	17.500 [0.6890]	16.000 [0.6299]	16.000 [0.6299]	18.20 [0.717]	7.51 [0.296]
-18	20.00 [0.787]	18.500 [0.7283]	17.000 [0.6693]	17.000 [0.6693]	19.20 [0.756]	8.01 [0.315]
-19	21.00 [0.827]	19.500 [0.7677]	18.000 [0.7087]	18.000 [0.7087]	20.20 [0.795]	8.51 [0.335]
-20	22.00 [0.866]	20.500 [0.8071]	19.000 [0.7480]	19.000 [0.7480]	21.20 [0.835]	9.01 [0.355]

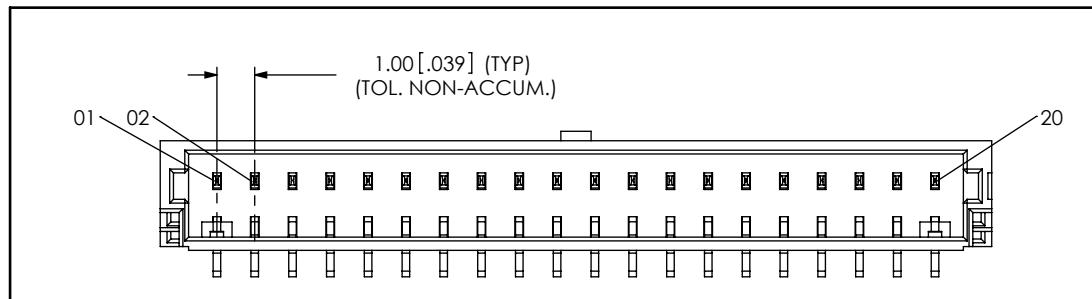


FIG 2
(T1M-20-XX-S-V-TR SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 5:1

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: 1MM TERMINAL STRIP
DWG. NO. T1M-XX-XX-S-V-X-TR
BY: ROY LUO 04/08/2010 SHEET 2 OF 3

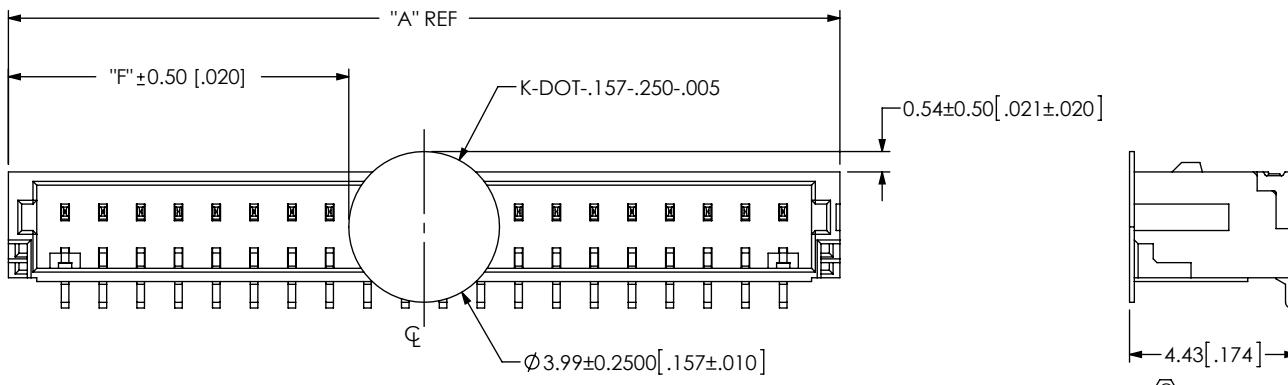


FIG 3
(T1M-20-XX-S-V-K-TR SHOWN)
(SAME AS FIG 2, EXCEPT AS SHOWN)

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 8:1

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: 1MM TERMINAL STRIP
DWG. NO. T1M-XX-XX-S-V-X-TR
BY: ROY LUO 04/08/2010 SHEET 3 OF 3