

T1M-XX-XX-S-V-X-XR

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: 3μ" MIN Au/50μ" Ni IN
CONTACT AND TAIL
-S: 30 μ" SELECTIVE GOLD ON
CONTACT, TIN ON TAIL

ROW SPECIFICATION
-S: SINGLE ROW

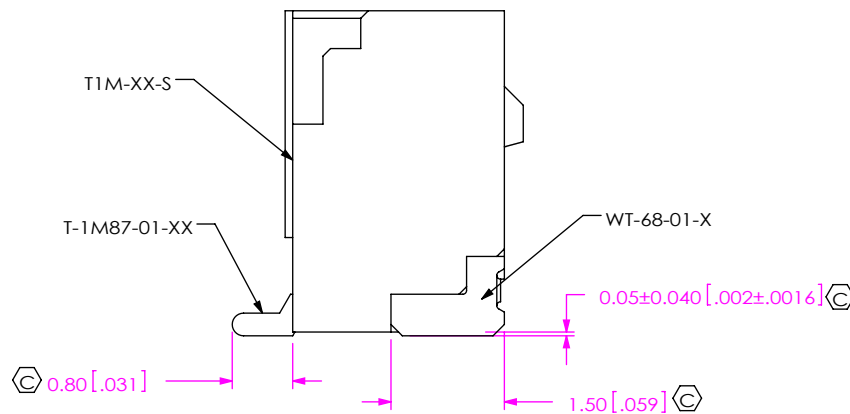
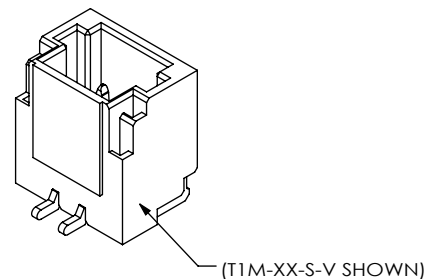
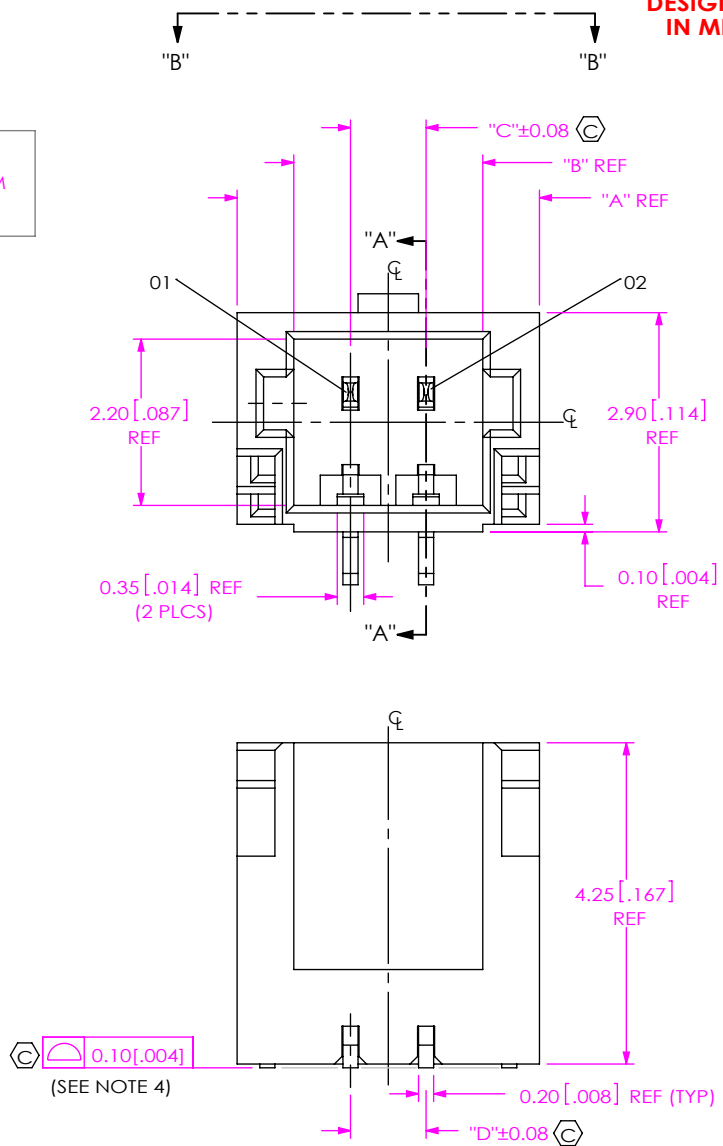
TAPE & REEL (SEE NOTES 5 & 6)
-TR: TAPE & REEL
-FR: FULL REEL QTY TAPE & REEL

OPTION
-K: POLYIMIDE FILM
(USE K-DOT-.157-.250-.005,
SEE FIG 3, SHT 3)

SMT TYPE
-V: VERTICAL

* = EXISTING CUSTOMERS ONLY

DO NOT
SCALE FROM
THIS PRINT



NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: SIGNAL: 2.22N [.5 LB], WELD TAB: 4.90N [1 LB].
3. NOTE DELETED.
4. COPLANARITY MEASUREMENT INCLUDES WT'S.
5. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
6. ATTACH LABEL TO EACH REEL.

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

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]

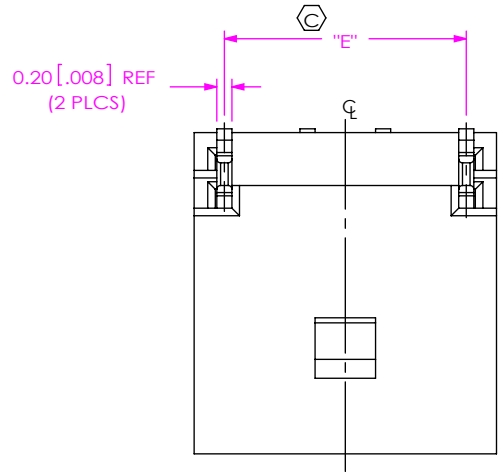
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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 10:1
INSULATOR: PPA UL 94-V0, COLOR: BLACK
TERMINAL: PHOS BRONZE
WELD TAB: PHOS BRONZE



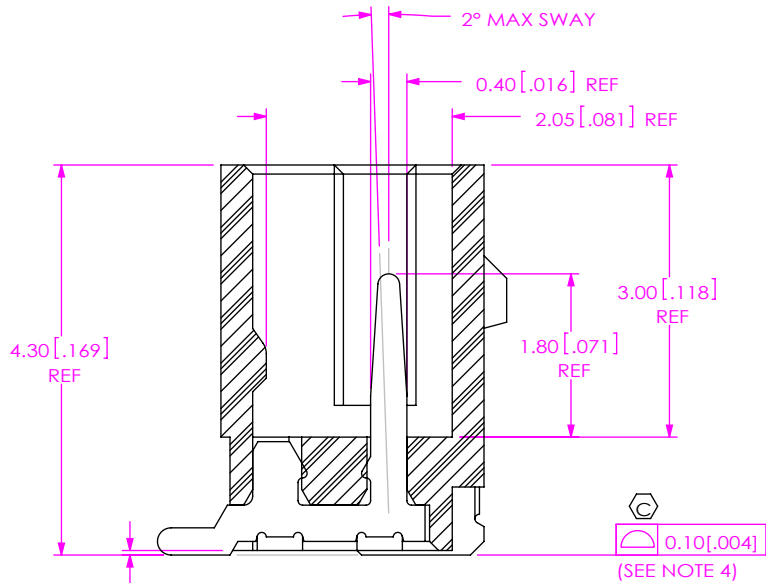
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

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



SECTION "B"-"B"
SCALE 10:1

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]



SECTION "A"-"A"
SCALE 12:1

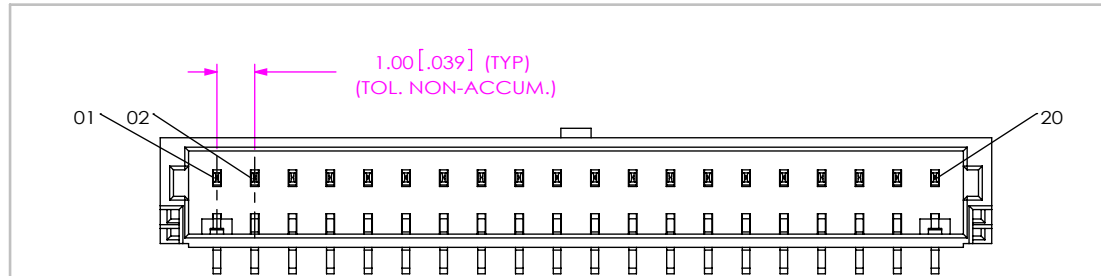


FIG 2
(T1M-20-XX-S-V-XR SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)

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SHEET SCALE: 5:1



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DESCRIPTION:
1MM TERMINAL STRIP

DWG. NO.
T1M-XX-XX-S-V-XR

BY: ROY LUO 04/08/2010 SHEET 2 OF 3

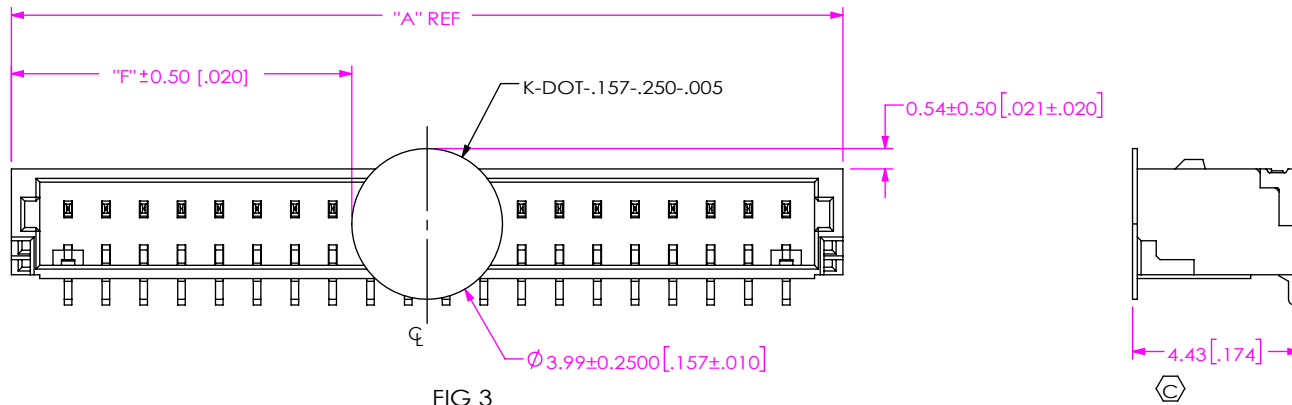


FIG 3
 (T1M-20-XX-S-V-K-TR SHOWN)
 (SAME AS FIG 2, EXCEPT AS SHOWN)

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DO NOT SCALE DRAWING

SHEET SCALE: 8:1

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DWG. NO.	T1M-XX-XX-S-V-X-XR
BY: ROY LUO	04/08/2010 SHEET 3 OF 3