

DO NOT  
SCALE FROM  
THIS PRINT

TABLE 1			
No. OF POS	"A"	"B"	"C"
-10	5.25 [0.207]	4.500 [0.1772]	6.40 [0.252]
-15	7.75 [0.305]	7.000 [0.2756]	8.90 [0.350]
-20	10.25 [0.404]	9.500 [0.3740]	11.40 [0.449]
-30	15.25 [0.600]	14.500 [0.5709]	16.40 [0.646]
-40	20.25 [0.797]	19.500 [0.7677]	21.40 [0.843]
-50	25.25 [0.994]	24.500 [0.9646]	26.40 [1.039]
-60	30.25 [1.191]	29.500 [1.1614]	31.40 [1.236]
-70	35.25 [1.388]	34.500 [1.3583]	36.40 [1.433]
-80	40.25 [1.585]	39.500 [1.5551]	41.40 [1.630]

DESIGNED & DIMENSIONED  
IN MILLIMETERS[INCHES]

ST5-XX-X.XX-X-D-P-TR

No OF POSITIONS  
-10, -15, -20, -30, -40,  
-50, -60, -70, -80 (PER ROW)

PACKAGING  
-TR: TAPE AND REEL  
(SEE NOTES 3)

PLACEMENT PAD  
-P: PICK AND PLACE PAD  
(SEE FIG 4, SHT 2)  
(-10, -20, -30, -40, -50, -60, -70, -80  
USE PPP-65-01, -15 USE PPP-65-02)

LEAD STYLE  
-1.00: (USE T-1M50-1.00-L)  
-1.50: (USE T-1M50-1.50-L)  
\*-2.50: (USE T-1M50-2.50-L)

PLATING SPECIFICATION  
-L: 10µ" SELECTIVE GOLD IN CONTACT  
AREA, MATTE TIN ON TAIL

ROW SPECIFICATION  
-D: DOUBLE

(\* = NOT TOOLED)

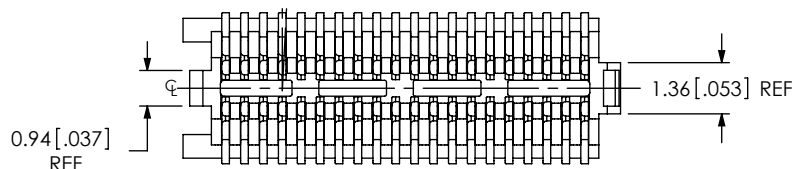
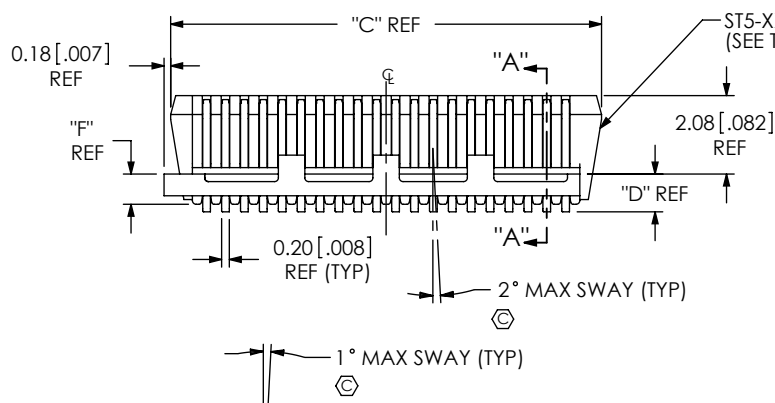
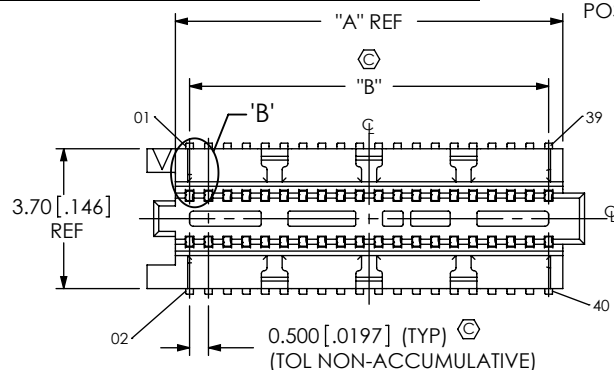


FIG 1

ST5-20-1.00-X-D-P-TR SHOWN

## NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: SIGNAL: 1.11N[0.25 LB].
3. 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.

TABLE 2 REF		
STACK HEIGHT		
ST5 LEAD STYLE	SS5 LEAD STYLE	
-1.00	-3.00	-3.50
-1.50	4.0 [0.16]	4.5 [0.18]
*-2.50	4.5 [0.18]	5.0 [0.20]
	5.5 [0.22]	6.0 [0.24]

(\* = NOT TOOLED)

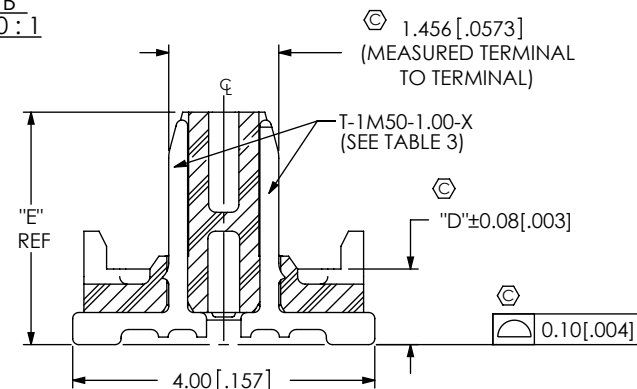
SECTION "A"- "A"  
SCALE 10 : 1

TABLE 3					
LEAD STYLE	"D"	"E"	"F"	BODY	TERMINAL
-1.00	1.00 [0.039]	3.08 [0.121]	0.80 [0.031]	ST5-XX-1.00-D	T-1M50-1.00-X
-1.50	1.50 [0.059]	3.58 [0.141]	0.80 [0.031]	ST5-XX-1.00-D	T-1M50-1.50-X
*-2.50	2.50 [0.098]	4.58 [0.180]	1.80 [0.071]	ST5-XX-2.50-D	T-1M50-2.50-X

(\* = NOT TOOLED)

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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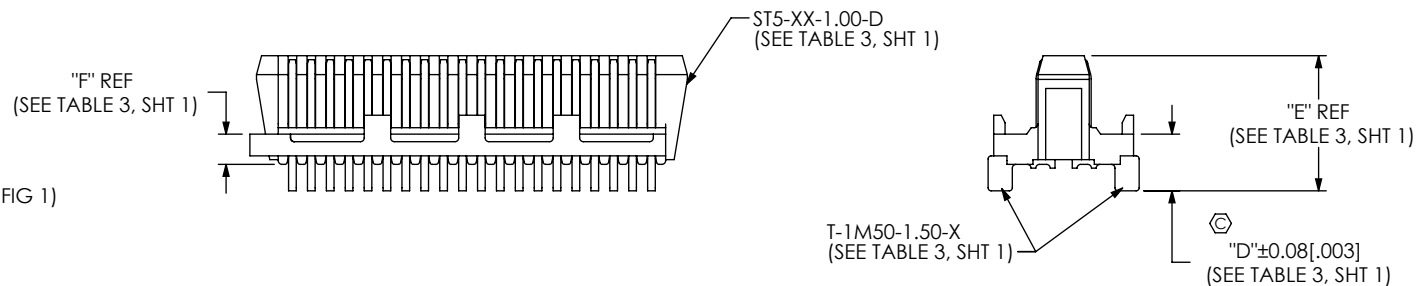
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1  
INSULATOR: LCP, UL 94 V0, COLOR: BLACK  
TERMINAL: PHOS BRONZE

DESCRIPTION:  
0.5mm TERMINAL STRIP ASSEMBLY

DWG. NO.  
ST5-XX-X.XX-X-D-P-TR

BY: ROY LUO 03/29/2012 SHEET 1 OF 2

**FIG 2**  
-1.50 LEAD STYLE  
ST5-20-1.50-X-D-P-TR SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



**FIG 3**  
\* -2.50 LEAD STYLE  
ST5-20-2.50-X-D-P-TR SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)  
(\* = NOT TOOLED)

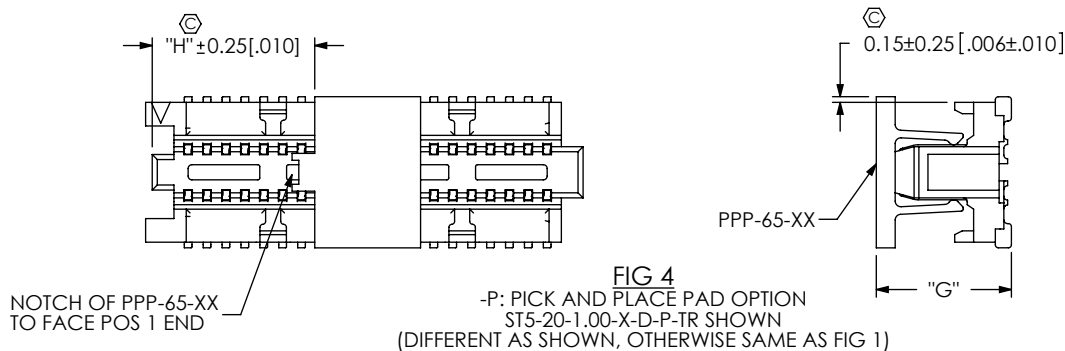
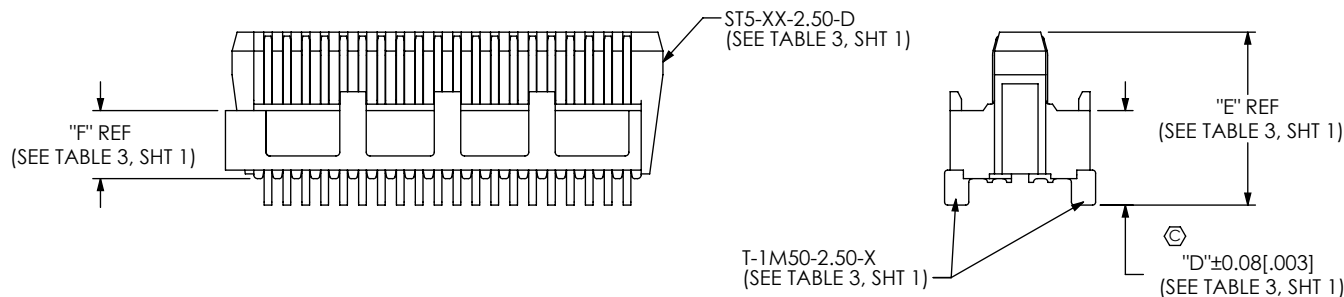


TABLE 4

LEAD STYLE	"G"
-1.00	3.58 [0.141]
-1.50	4.08 [0.161]
*-2.50	5.08 [0.200]

(\* = NOT TOOLED)

TABLE 5

No OF POS	"H"
-10	1.80 [0.071]
-15	3.22 [0.127]
-20	4.30 [0.169]
-30	6.80 [0.268]
-40	9.30 [0.366]
-50	11.80 [0.465]
-60	14.30 [0.563]
-70	16.80 [0.661]
-80	19.30 [0.760]

F:\DWG\MISC\MKTG\ST5-XX-X.XX-X-D-P-TR-MKT.SLDDRW

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DO NOT SCALE DRAWING

SHEET SCALE: 5:1

**samtec**

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DESCRIPTION:  
0.5mm TERMINAL STRIP ASSEMBLY

DWG. NO.  
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BY: ROY LUO 03/29/2012 SHEET 2 OF 2