

DO NOT  
SCALE FROM  
THIS PRINT

| LEAD STYLE |          | TERMINAL       | 'L'   | CONTACT AREA |
|------------|----------|----------------|-------|--------------|
| SERIES D&Z | SERIES E |                |       |              |
| 07         | N/A      | T-1S6-07-XXX-2 | .430  | .165         |
| 08         | N/A      | T-1S6-08-XXX-2 | .530  | .165         |
| 09         | 09       | T-1S6-09-XXX-2 | .730  | .165         |
| 10         | 10       | T-1S6-10-XXX-2 | .830  | .165         |
| 11         | 11       | T-1S6-11-XXX-2 | .930  | .165         |
| 12         | 12       | T-1S6-12-XXX-2 | 1.030 | .165         |
| 13         | 13       | T-1S6-13-XXX-2 | 1.230 | .165         |
| 14         | 14       | T-1S6-14-XXX-2 | 1.430 | .165         |
| 15         | 15       | T-1S6-15-XXX-2 | .630  | .165         |
| 16         | N/A      | T-1S6-16-XXX-2 | .445  | .165         |
| 17         | N/A      | T-1S6-17-XXX-2 | .480  | .165         |
| 19         | 19       | T-1S6-19-XXX-2 | 1.330 | .165         |
| 20         | 20       | T-1S6-20-XXX-2 | 1.130 | .165         |

| UNLESS OTHERWISE NOTED       |                                 |                         |
|------------------------------|---------------------------------|-------------------------|
| DIMENSIONS ARE IN INCHES     | TOLERANCES ARE:                 |                         |
| ONE PLACE DECIMALS $\pm .1$  | THREE PLACE DECIMALS $\pm .005$ | ANGLES<br>$\pm 2^\circ$ |
| TWO PLACE DECIMALS $\pm .01$ | FOUR PLACE DECIMALS $\pm .0020$ |                         |

|        |               |
|--------|---------------|
| TITLE: | LOW COST      |
| S      | BOARD SPACERS |

|                                |  |
|--------------------------------|--|
| DWG NO:                        |  |
| XW-XX-XX-XXX-X-XXXX-XXX-XX-XXX |  |
| SHEET 1 OF 2                   |  |

**SERIES** \_\_\_\_\_

D: .110 TAIL LENGTH  
E: .330 TAIL LENGTH (N/A IN LEAD STYLE  
-07, -08, -16, OR -17)  
Z: XXX TAIL LENGTH

**NO. OF POSITIONS**  
-01 THRU -50  
NO OF POS. PER ROW x .100

**LEAD STYLE**  
(SEE TABLE 1)

**PLATING SPECIFICATION**

- G: 10 $\mu$ " GOLD IN CONTACT AREA, 3 $\mu$ " GOLD ON TAIL
- T: MATTE TIN CONTACT AND TAIL
- S: 30 $\mu$ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- H: 30 $\mu$ " GOLD IN CONTACT AREA, 3 $\mu$ " GOLD ON TAIL
- L: 10 $\mu$ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- F: 3 $\mu$ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- E: 50 $\mu$ " GOLD IN CONTACT AREA, 3 $\mu$ " GOLD ON TAIL (STYLE -13 ONLY)
- STL: 30 $\mu$ " SELECTIVE GOLD IN CONTACT AREA, TIN/LEAD (90/10 +/-5%) TAIL
- FM: 3 $\mu$ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- LM: 10 $\mu$ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- SM: 30 $\mu$ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- TM: MATTE TIN CONTACT AND TAIL

**OPTION**  
POLARIZING SPEC. (SEE FIG.2)  
-XXX INDICATES OMITTED POS.

**OPTION**  
-LL: LOCKING LEAD (SEE FIG 1)  
AVAILABLE ON TAILS  
FROM .084 TO .310 ONLY  
(N/A IN SINGLE ROW, 1 & 2 POS)  
OR -Q ROW)

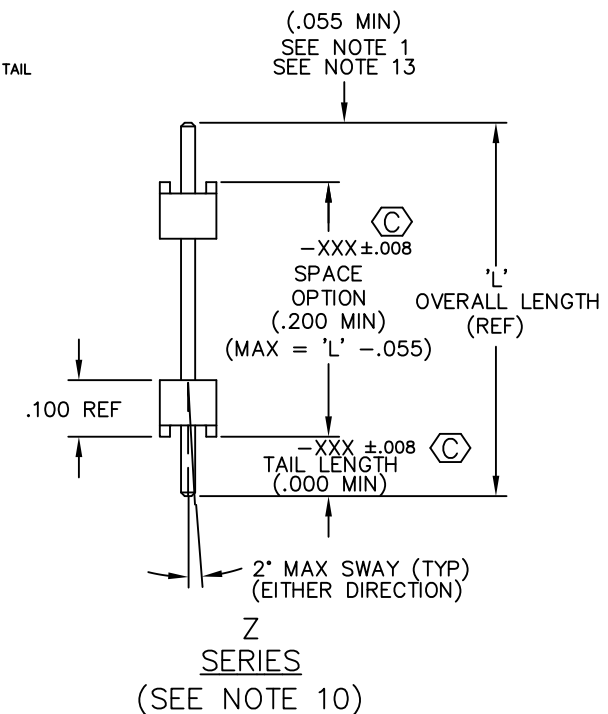
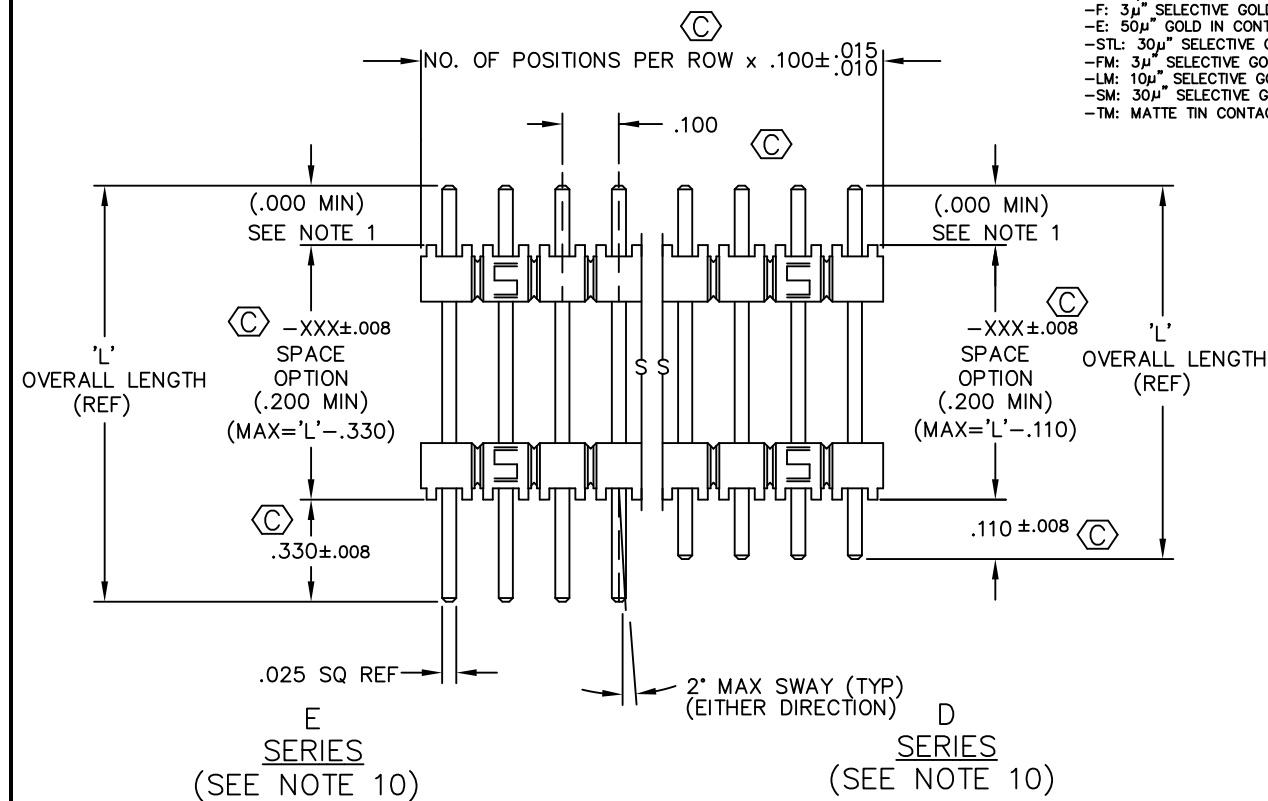
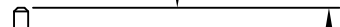
**TAIL LENGTH**  
Z SERIES ONLY

**SPACE OPTION**

**ROW OPTION (SEE FIG. 1)**

- S: SINGLE (USE TSW-XX-S)
- D: DOUBLE (USE RTSW-XX-D)
- T: TRIPLE (USE TSW-XX-T)
- Q: TRIPLE, OUTER ROWS FILLED ONLY (USE TSW-XX-T)

(.055 MIN)  
SEE NOTE 1  
SEE NOTE 13



NOTES:

1. HEIGHT VARIATION BETWEEN ANY TWO PINS AND ROW SHALL BE .010 MAX.  
 DELETED 2. S PLATING: PLATED AREA WILL BE ON THE LONGER TAIL.  
 DELETED 3. G PLATING: HEAVY GOLD ON LONGER TAIL  
 DELETED 4. L PLATING: GOLD ON LONGER TAIL  
 DELETED 5. H PLATING: HEAVY GOLD ON LONGER TAIL  
 DELETED 6. F PLATING: FLASH SELECTIVE GOLD ON LONGER TAIL  
 DELETED 7. P PLATING: GOLD FLASHED PALLADIUM NICKEL ON LONGER TAIL  
 DELETED 8. E PLATING: EXTRA HEAVY GOLD ON LONGER TAIL

**C**

10. CONTACT AREA -F, -S, -L, -P GOLD TO BE ON LONGER TAIL.  
-G, -H, -E, HEAVY GOLD TO BE ON LONGER TAIL.
11. CRIMPED TAILS OF .084 TO BE TOLERANCED +.008/- .000.
12. TSW-50-D TO BE USED IF RTSW-50-D IS NOT AVAILABLE
13. .000 MIN IF TAIL LENGTH IS GREATER THAN OR EQUAL TO .055
14. TERMINAL PUSHOUT FORCE: 3 LBS. MIN.

15. MAXIMUM CUT FLASH: .010[.25]  
16. FOR ADDED MECHANICAL STABILITY, SAMTEC RECOMMENDS MECHANICAL BOARD SPACERS  
BE USED IN APPLICATIONS WITH GOLD OR SELECTIVE GOLD PLATED EXISPROD\ASSEMBLY\100  
CONNECTORS. CONTACT XW-XX-XX-XXX-X-XXXX-XXX-XX-XXX-ASM1  
IPG@SAMTEC.COM FOR MORE INFORMATION.

**MATERIAL:**  
**BODIES:**  
PBT, UL 94 VO  
GLASS FILLED POLYESTER  
COLOR: BLACK  
**TERMINALS:**  
PHOSPHOR BRONZE, ALLOY  
NO. 510, 3/4 HARD,  
TENSILE RANGE 95-105 KSI

**samtec**

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CODE 55322

MADE BY: WILLIAMS 8-13-84

XW-XX-XX-XXX-X-XXXX-XXX-XX-XXX  
SHEET 1 OF 2

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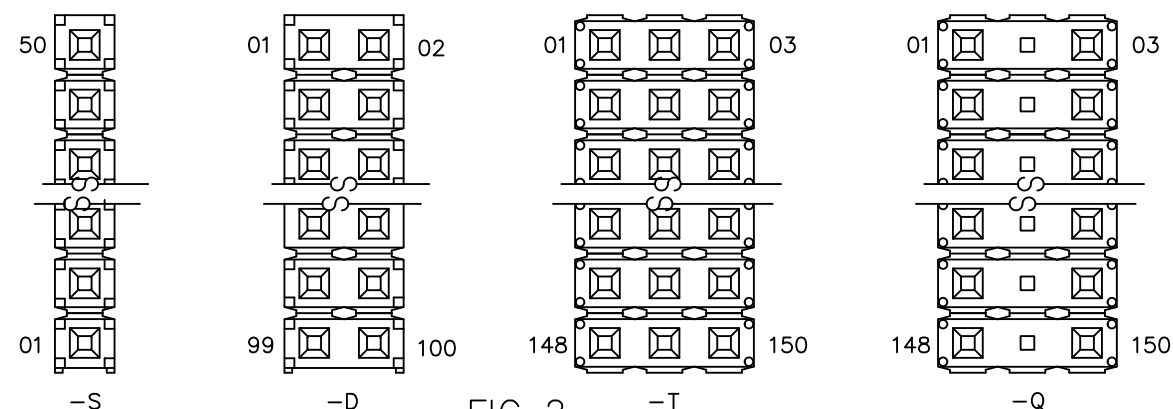


FIG 2

NUMBER POSITIONS WITH .330, .110, OR ZW TAIL DOWN

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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