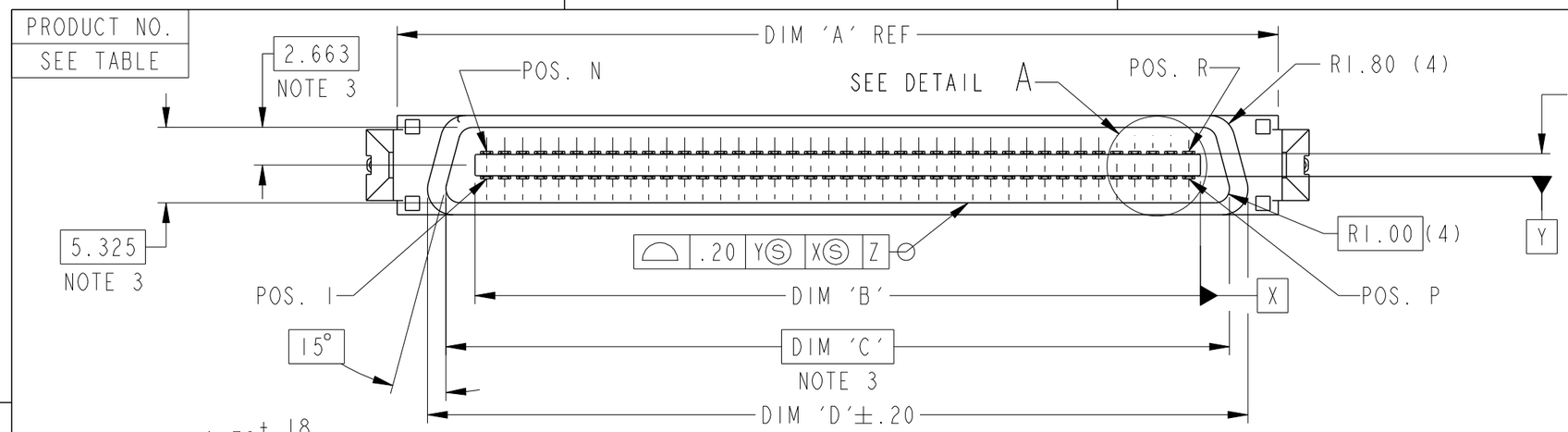
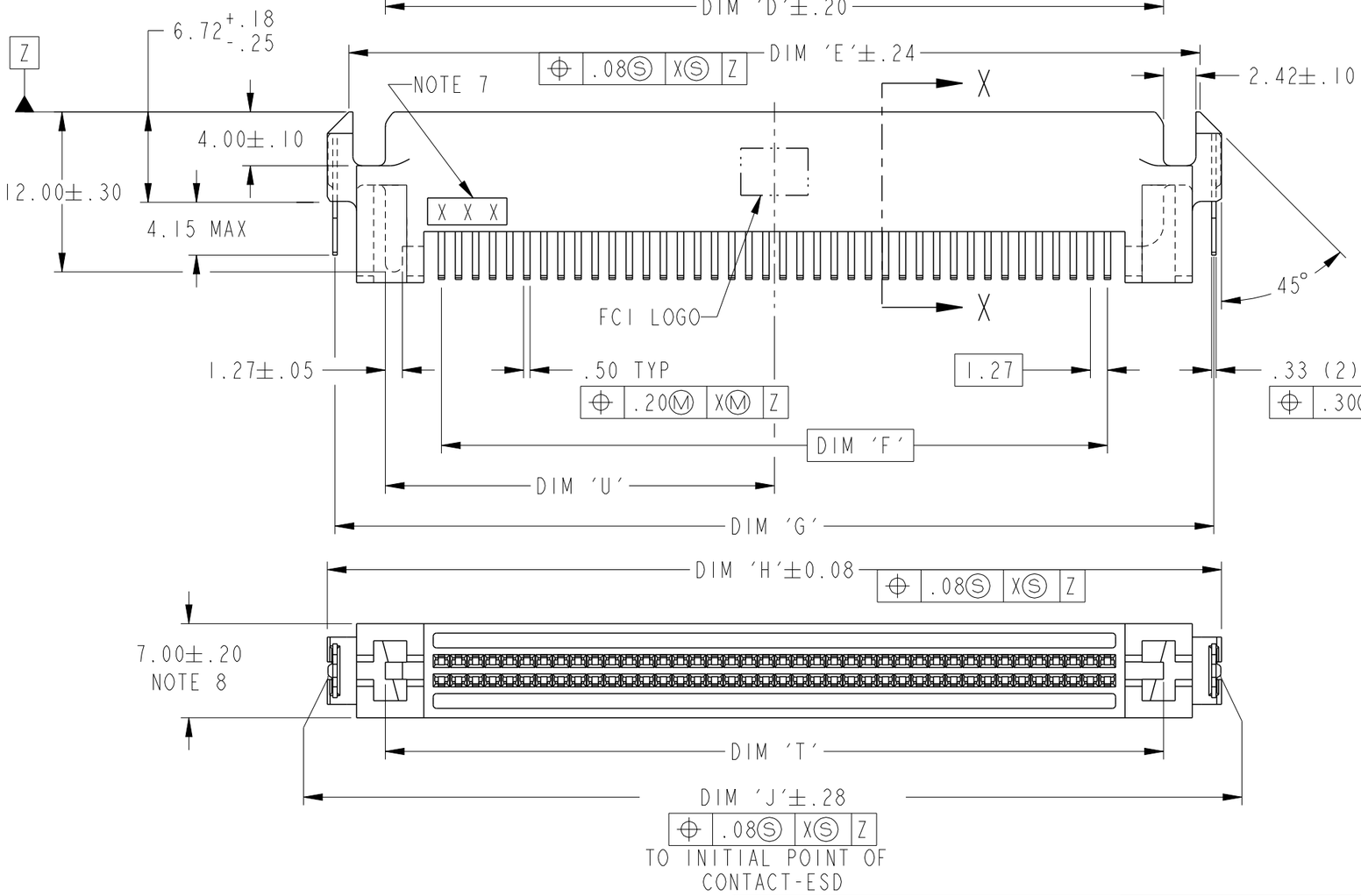
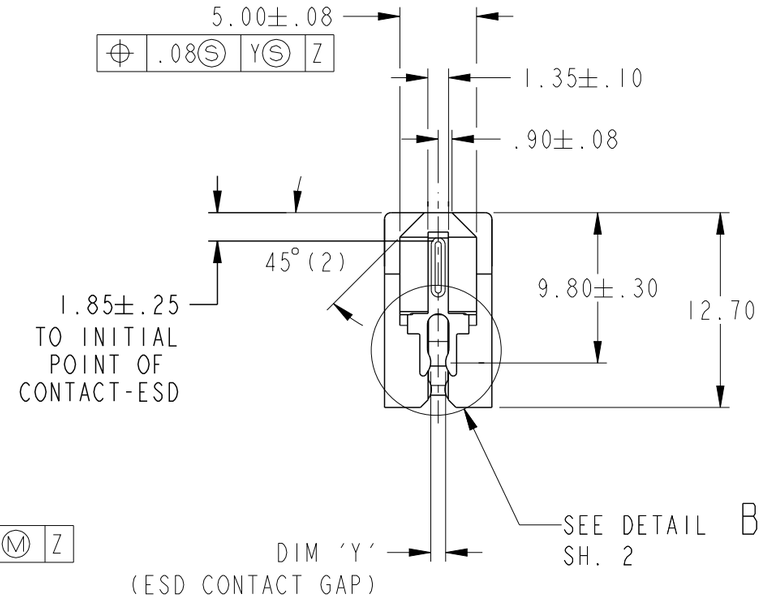
PRODUCT NO.
SEE TABLE

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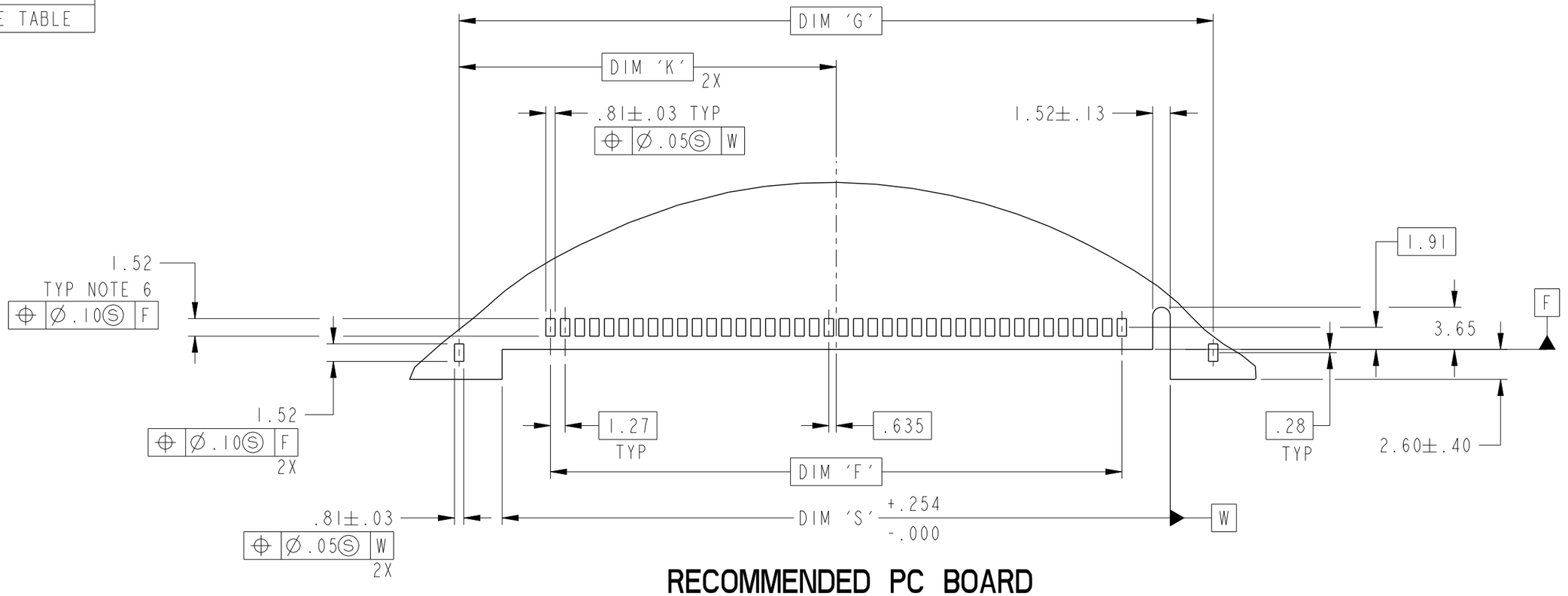
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| spec ref | - | | dr | Louis Ng | 2011/05/11 | projection | MM |
| tolerance std ISO 406 ISO 1101 | TOLERANCES UNLESS OTHERWISE SPECIFIED | | eng | Guat-Lian Loo | 2012/10/10 | | |
| | | | chr | - | - | | |
| | | | appr | Chen-Hong Tan | 2012/10/10 | product family | SCA-2 |
| surface - ISO 1302 | linear | 0.X ±.3 | | | | | |
| | | 0.XX ±.13 | | | | | |
| | | 0.XXX ±.051 | | | | | |
| | angular | 0° ±2° | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| size A3 | scale 5:2 | | | | |
| ecn no ELX-S-005680-1 | | | | | |
| rel level Released | | | | | |
| FCI www.fci.com | title SCA-2 PLUG CONNECTOR STRADDLE MOUNT | dwg no 71292 | rev U | | |
| cat. no. - | Product - Customer Drw | sheet 1 of 4 | | | |

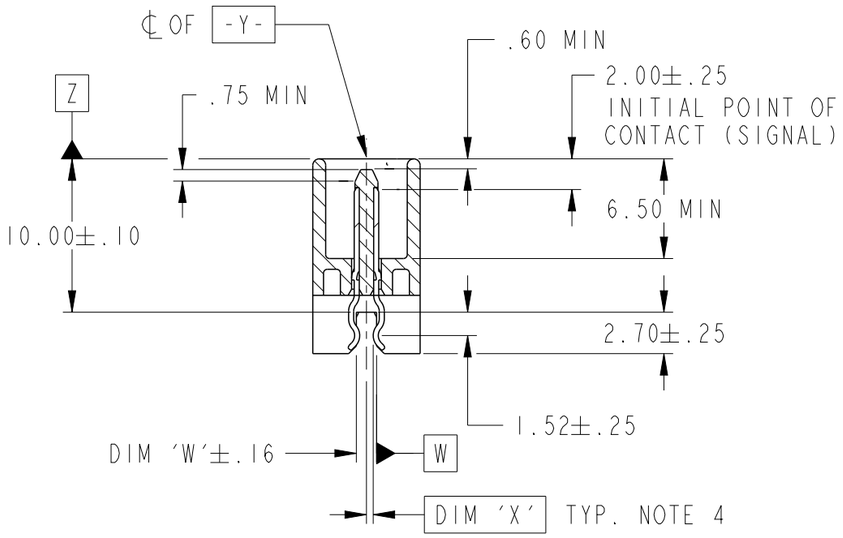
Pro/E File - REV C - 2009-06-09

PDS: Rev :U STATUS:Released Printed: Oct 10, 2012

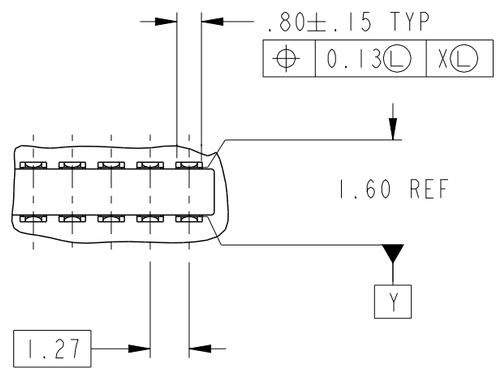
PRODUCT NO.
SEE TABLE



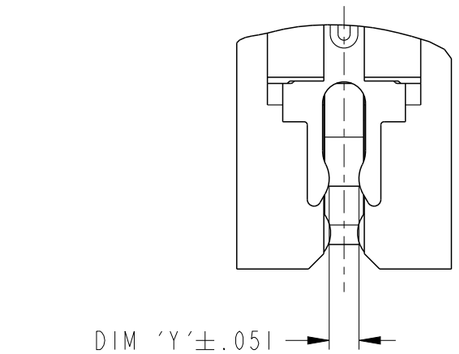

## RECOMMENDED PC BOARD MOUNTING DIMENSIONS




SECTION X-X
SCALE 5:2




DETAIL A
SCALE 5:1




DETAIL B
SCALE 5:1

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| spec ref | - | | dr | Louis Ng | 2011/05/11 | projection | MM |
| tolerance std ISO 406 ISO 1101 | TOLERANCES UNLESS OTHERWISE SPECIFIED | | eng | Guat-Lian Loo | 2012/10/10 | size A3 | scale 5:2 |
| | | | chr | - | - | ecn no | ELX-S-005680-1 |
| | | | appr | Chen-Hong Tan | 2012/10/10 | product family SCA-2 | rel level Released |
| surface - ISO 1302 | linear | 0.X ±.3 | FCI www.fci.com | title SCA-2 PLUG CONNECTOR STRADDLE MOUNT | | dwg no 71292 | rev U |
| | | 0.XX ±.13 | | | | | |
| | | 0.XXX ±.051 | | | | | |
| | angular | 0° ±2° | | cat. no. - | | Product - Customer Drw | sheet 2 of 4 |

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| PRODUCT NO. | NO. POS. | RECOMMENDED PCB THICKNESS | DIM A REF | DIM B | DIM C | DIM D | DIM E | DIM F | DIM G | DIM H | DIM J | DIM K | POS. N | POS. P | POS. R | DIM S | DIM T | DIM U | DIM V | DIM W | DIM X | DIM Y | PLATING |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71292-001 | 80 | 1.19 | 62.15 | 51.17 | 55.27 | 57.87 | 63.30 | 49.53 | 65.36 | 66.50 | 66.40 | 32.68 | 41 | 40 | 80 | 57.91 | 57.82 | 28.88 | 1.32 | 1.30 | 0.44 | 0.97 | NOTE 2 |
| -001S | | | | | | | | | | | | | | | | | | | | | | | |
| -101S | | | | | | | | | | | | | | | | | | | | | | | NOTE 10 |
| 71292-002 | 40 | 1.19 | 36.75 | 25.77 | 29.87 | 32.47 | 37.90 | 24.13 | 39.95 | 41.10 | 41.00 | 19.98 | 21 | 20 | 40 | 32.52 | 32.41 | 16.20 | 1.32 | 1.30 | 0.44 | 0.97 | NOTE 2 |
| -002S | | | | | | | | | | | | | | | | | | | | | | | |
| -102S | | | | | | | | | | | | | | | | | | | | | | | NOTE 10 |
| 71292-003S | 80 | 1.57 | 62.15 | 51.17 | 55.27 | 57.87 | 63.30 | 49.53 | 65.36 | 66.50 | 66.40 | 32.68 | 41 | 40 | 80 | 57.91 | 57.82 | 28.88 | 1.83 | 1.83 | 0.72 | 1.52 | NOTE 2 |
| -103S | | | | | | | | | | | | | | | | | | | | | | | NOTE 10 |
| 71292-004S | 40 | 1.57 | 36.75 | 25.77 | 29.87 | 32.47 | 37.90 | 24.13 | 39.95 | 41.10 | 41.00 | 19.98 | 21 | 20 | 40 | 32.52 | 32.41 | 16.20 | 1.83 | 1.83 | 0.72 | 1.52 | NOTE 2 |
| -104S | | | | | | | | | | | | | | | | | | | | | | | NOTE 10 |

△U

NOTES:

1. HOUSING : LCP, UL94V-0 RATED, COLOR: BLACK
   CONTACTS: PHOSPHOR-BRONZE
   ESD CONTACT: PHOSPHOR-BRONZE

2. PLATING:
   CONTACTS: 0.76µm (30µ") MIN GXT IN CONTACT AREA, 2.54µm (100µ") MIN TIN-LEAD ON P.C. BOARD LEG, 1.27µm (50µ") MIN NICKEL UNDERPLATE OVER ENTIRE TERMINAL.
   ESD CONTACT: 2.54µm (100µ") MIN TIN-LEAD PLATING W/1.27µm (50µ") NICKEL UNDERPLATE.

(3) MEASURED AT THE FLOOR OF THE CAVITY MEASURED 6mm FROM DATUM -Z-

(4) APPLIES TO ALL SURFACES OF CONTACT TAILS.

(5) MAXIMUM BOARD THICKNESS THAT CONNECTOR CAN ACCOMODATE IS DEFINED BY DIM 'V'.

(6) THESE DIMENSIONS RESULT IN THE CONTACT RESTING IN CENTER OF PAD WIDTH. THESE DIMENSIONS ARE SUBJECT TO CHANGE DEPENDING ON CUSTOMER'S MANUFACTURING PREFERENCES IN PROCESS SOLDER PLACEMENT AND REFLOW.

(7) DATE CODE IN THIS AREA.

(8) MEASUREMENT MADE AT CENTER OF PART, MAY BE AS LOW AS 6.55. DESIGN TO BE MADE TO ACHIEVE THE NOMINAL DIMENSION ACROSS THE ENTIRE PART.

(9) DISTANCE MEASURED ACROSS CONTACT MATING SURFACES ALONG EFFECTIVE MATING AREA AND CONTACT MUST BE ABOVE PLASTIC ALONG EFFECTIVE MATING AREA.

10. PLATING:
    CONTACTS: 0.76µm (30µ") MIN GOLD IN CONTACT AREA, 2.54µm (100µ") MIN TIN-LEAD ON P.C. BOARD LEG, 1.27µm (50µ") MIN NICKEL UNDERPLATE OVER ENTIRE TERMINAL.
    ESD CONTACT: 2.54µm (100µ") MIN TIN-LEAD PLATING W/1.27µm (50µ") NICKEL UNDERPLATE.

11. PART NUMBERS ENDING IN -0xx OR -0xxS OR -1xxS ARE MANUFACTURED WITH BRIGHT FINISH TIN-LEAD PLATING IN P.C. BOARD LEG AREA.

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| spec ref | - | dr | Louis Ng | 2011/05/11 | projection | MM | size A3 / scale 5:2 |
| tolerance std ISO 406 ISO 1101 | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | Guat-Lian Loo | 2012/10/10 | | | ecn no ELX-S-005680-1 |
| | | chr | - | - | | | |
| | | appr | Chen-Hong Tan | 2012/10/10 | product family SCA-2 | | rel level Released |
| surface - ISO 1302 | linear 0.X ±.3 / 0.XX ±.13 / 0.XXX ±.051 / angular 0° ±2° | www.fci.com | | | title: SCA-2 PLUG CONNECTOR STRADDLE MOUNT | dwg no 71292 | rev U |
| | | cat. no. - | | | Product - Customer Drw | | sheet 3 of 4 |

| PRODUCT NO. | NO. POS. | RECOMMENDED PCB THICKNESS | DIM A REF | DIM B | DIM C | DIM D | DIM E | DIM F | DIM G | DIM H | DIM J | DIM K | POS. N | POS. P | POS. R | DIM S | DIM T | DIM U | DIM V | DIM W | DIM X | DIM Y | PLATING |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71292-001LF | 80 | 1.19 | 62.15 | 51.17 | 55.27 | 57.87 | 63.30 | 49.53 | 65.36 | 66.50 | 66.40 | 32.68 | 41 | 40 | 80 | 57.91 | 57.82 | 28.88 | 1.32 | 1.30 | 0.44 | 0.97 | NOTE 16 |
| -201LF | | | | | | | | | | | | | | | | | | | | | | | NOTE 12 |
| 71292-002LF | 40 | 1.19 | 36.75 | 25.77 | 29.87 | 32.47 | 37.90 | 24.13 | 39.95 | 41.10 | 41.00 | 19.98 | 21 | 20 | 40 | 32.52 | 32.41 | 16.20 | 1.32 | 1.30 | 0.44 | 0.97 | NOTE 16 |
| -202LF | | | | | | | | | | | | | | | | | | | | | | | NOTE 12 |
| 71292-003LF | 80 | 1.57 | 62.15 | 51.17 | 55.27 | 57.87 | 63.30 | 49.53 | 65.36 | 66.50 | 66.40 | 32.68 | 41 | 40 | 80 | 57.91 | 57.82 | 28.88 | 1.83 | 1.83 | 0.72 | 1.52 | NOTE 16 |
| -203LF | | | | | | | | | | | | | | | | | | | | | | | NOTE 12 |
| 71292-004LF | 40 | 1.57 | 36.75 | 25.77 | 29.87 | 32.47 | 37.90 | 24.13 | 39.95 | 41.10 | 41.00 | 19.98 | 21 | 20 | 40 | 32.52 | 32.41 | 16.20 | 1.83 | 1.83 | 0.72 | 1.52 | NOTE 16 |
| -204LF | | | | | | | | | | | | | | | | | | | | | | | NOTE 12 |

△U

NOTES:

12. PLATING:CONTACT: 0.76µm (30µ") MIN GOLD IN CONTACT AREA, 2.54µm (100µ") - 5.08µm (200µ") TIN (LEAD-FREE) ON P.C. BOARD LEG, 1.27µm (50µ") MIN NICKEL UNDERPLATE OVER ENTIRE TERMINAL. ESD CONTACT: 2.54µm (100µ") - 5.08µm (200µ") TIN PLATING (LEAD-FREE) WITH 1.27µm (50µ") NICKEL UNDERPLATE.

13. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

14. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

15. PART NUMBERS ENDING IN "LF" MEANS FOR NOTE 14 LEAD FREE IDENTIFICATION. P/N XXXXX-2XXLF IS EQUIVALENT TO PREVIOUS P/N XXXXX-2XX.

16. PLATING:CONTACT: 0.76µm (30µ") MIN GXT IN CONTACT AREA, 2.54µm (100µ") - 5.08µm (200µ") TIN (LEAD-FREE) ON P.C. BOARD LEG, 1.27µm (50µ") MIN NICKEL UNDERPLATE OVER ENTIRE TERMINAL. ESD CONTACT: 2.54µm (100µ") - 5.08µm (200µ") TIN PLATING (LEAD-FREE) WITH 1.27µm (50µ") NICKEL UNDERPLATE.

17. A △U SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| spec ref | - | dr | Louis Ng | 2011/05/11 | projection | MM | size A3 / scale 5:2 |
| tolerance std ISO 406 ISO 1101 | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | Guat-Lian Loo | 2012/10/10 | | | ecn no ELX-S-005680-1 |
| | | chr | - | - | | | |
| | | appr | Chen-Hong Tan | 2012/10/10 | product family SCA-2 | | rel level Released |

| surface | | | |
|---|---|---|---|
| ISO 1302 | linear | 0.X | ±.3 |
| | | 0.XX | ±.13 |
| | | 0.XXX | ±.051 |
| | angular | 0° | ±2° |

FCI www.fci.com

title: SCA-2 PLUG CONNECTOR STRADDLE MOUNT

dwg no 71292 rev U

cat. no. - Product - Customer Drw sheet 4 of 4

Pro/E File - REV C - 2009-06-09

PDS: Rev :U STATUS:Released Printed: Oct 10, 2012

LifeElectronics
Живое партнерство

**ООО «ЛайфЭлектроникс»** **“LifeElectronics” LLC**

*ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703*

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*С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров*

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- *Специальные условия для постоянных клиентов.*
- *Подбор аналогов.*
- *Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.*

- *Приемлемые сроки поставки, возможна ускоренная поставка.*
- *Доставку товара в любую точку России и стран СНГ.*
- *Комплексную поставку.*
- *Работу по проектам и поставку образцов.*
- *Формирование склада под заказчика.*

- *Сертификаты соответствия на поставляемую продукцию (по желанию клиента).*
- *Тестирование поставляемой продукции.*
- *Поставку компонентов, требующих военную и космическую приемку.*
- *Входной контроль качества.*
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- *Защиту от снятия компонента с производства.*
- *Оценку стоимости проекта по компонентам.*
- *Изготовление тестовой платы монтаж и пусконаладочные работы.*

*Тел: +7 (812) 336 43 04 (многоканальный)*
*Email: org@lifeelectronics.ru*

***www.lifeelectronics.ru***