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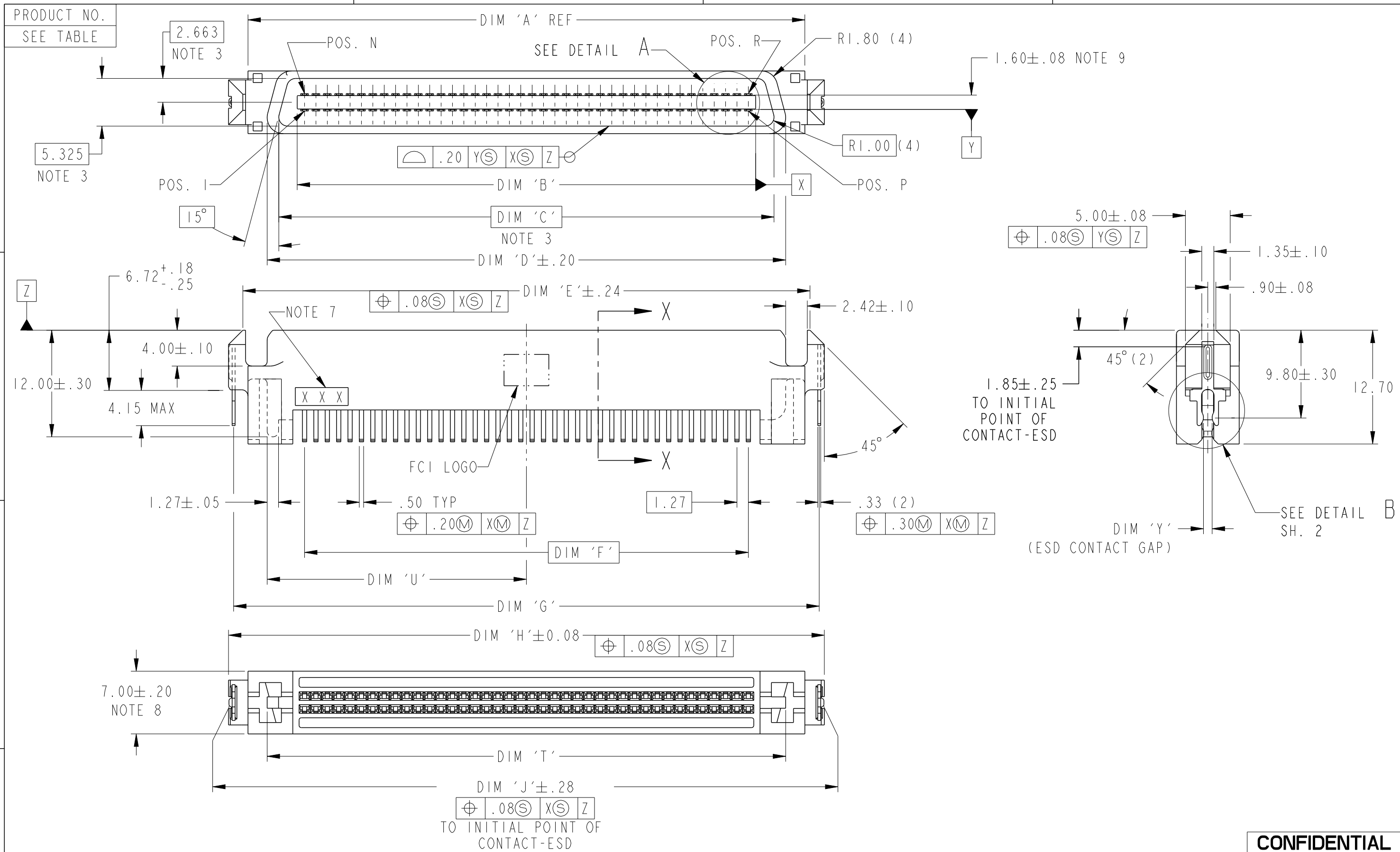
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spec ref -		dr Louis Ng		2011/05/11		projection 	MM 	size A3	scale 5:2	
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Guat-Lian Loo		2012/10/10			ecn no ELX-S-005680-1		
			chr -		-					
			appr Chen-Hong Tan		2012/10/10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



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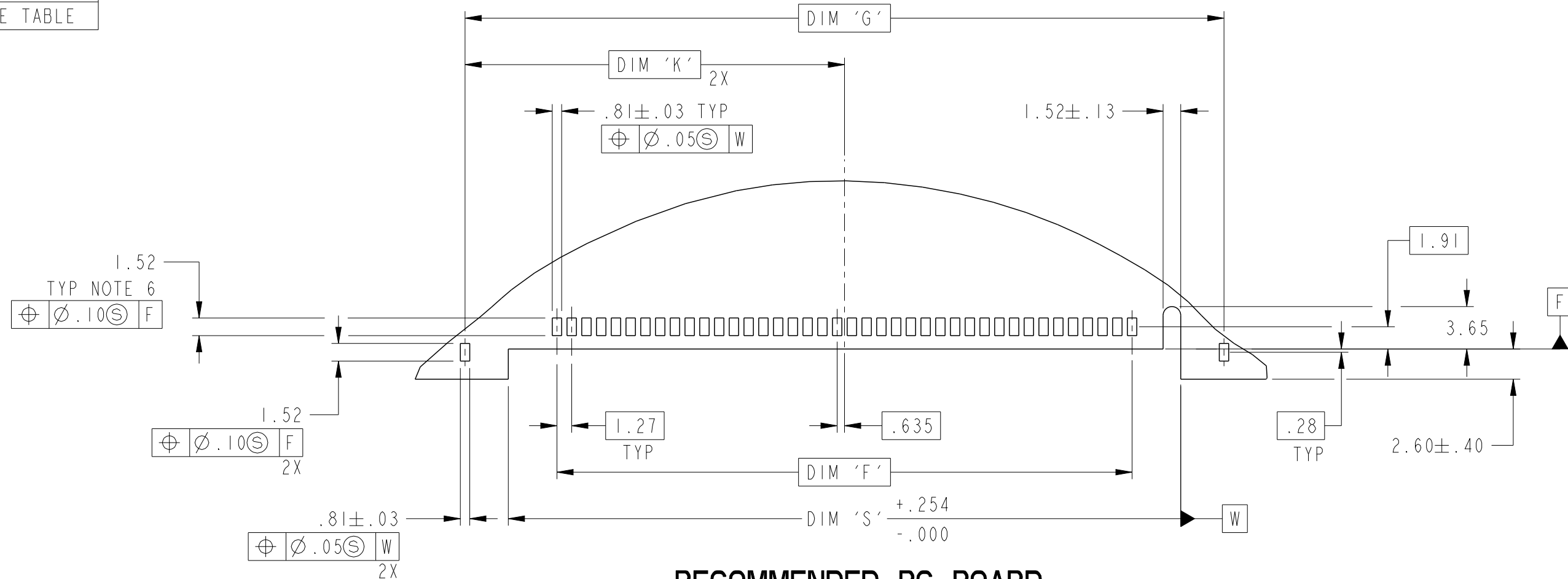
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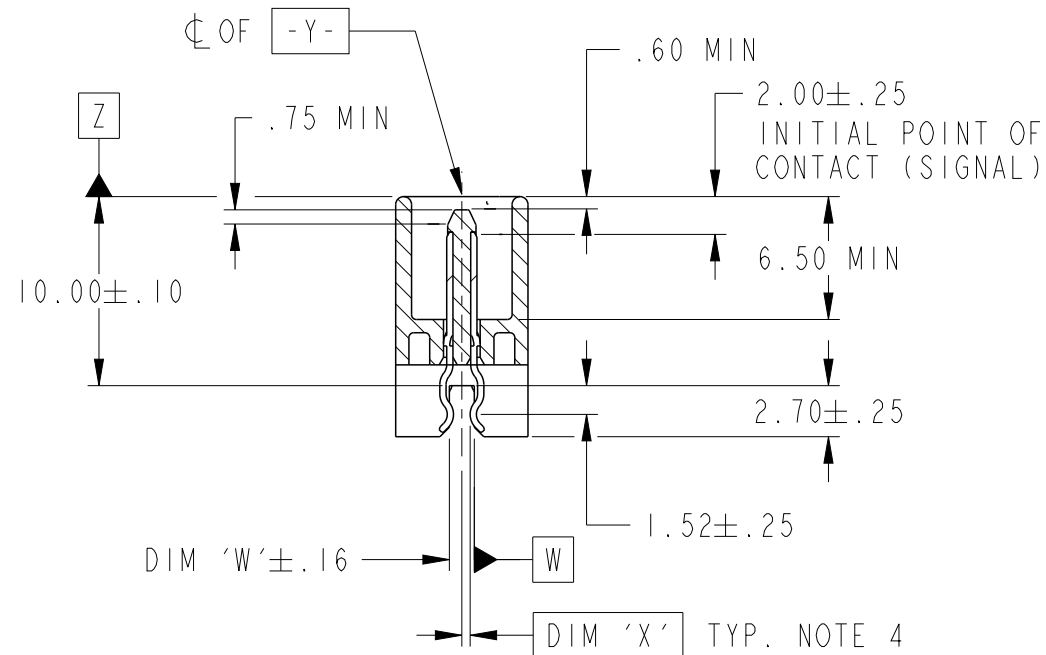
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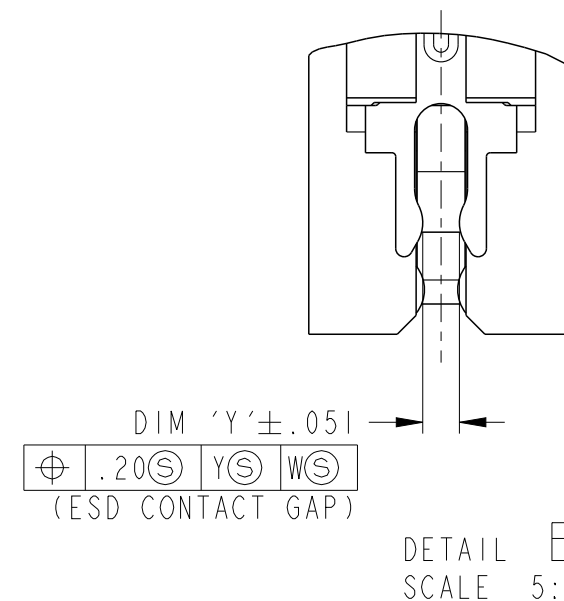
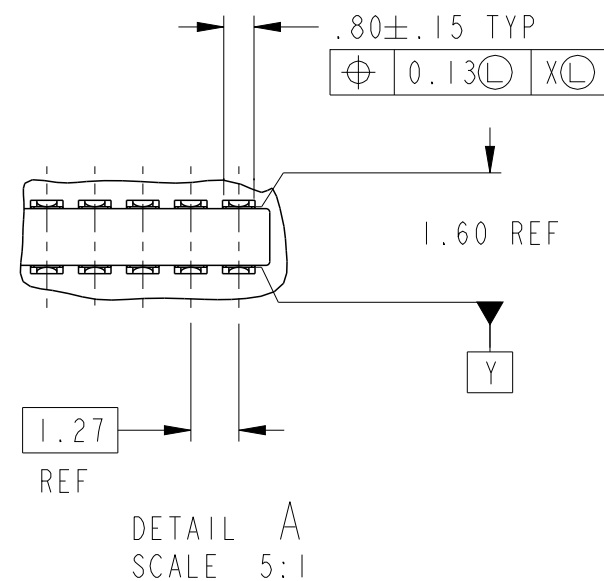
PRODUCT NO.
SEE TABLE



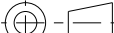
RECOMMENDED PC BOARD MOUNTING DIMENSIONS



SECTION X-X
SCALE 5:2



CONFIDENTIAL

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
surface -  ISO 1302	linear	0.X	±.3		title	SCA-2 PLUG CONNECTOR STRADDLE MOUNT			dwg no	71292		rev	U	
		0.XX	±.13											
		0.XXX	±.051											
	angular	0°	±2°	www.fci.com	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																							NOTE 10
-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																							NOTE 10
-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

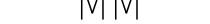


NOTES:

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		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Guat-Lian Loo		2012/10/10						ecn no		ELX-S-005680-1							
ISO 406																							
ISO 1101																							
		chr		-		-				product family		SCA-2		rel level		Released							
		appr		Chen-Hong Tan		2012/10/10																	
surface		- ✓		linear		0.X		±.3				title		SCA-2 PLUG CONNECTOR		dwg no		71292		rev		U	
		0.XX		±.13																			
		0.XXX		±.051																			
ISO 1302		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 3 of 4							

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1				2								3						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

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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

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

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

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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.
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- Комплексную поставку.
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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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