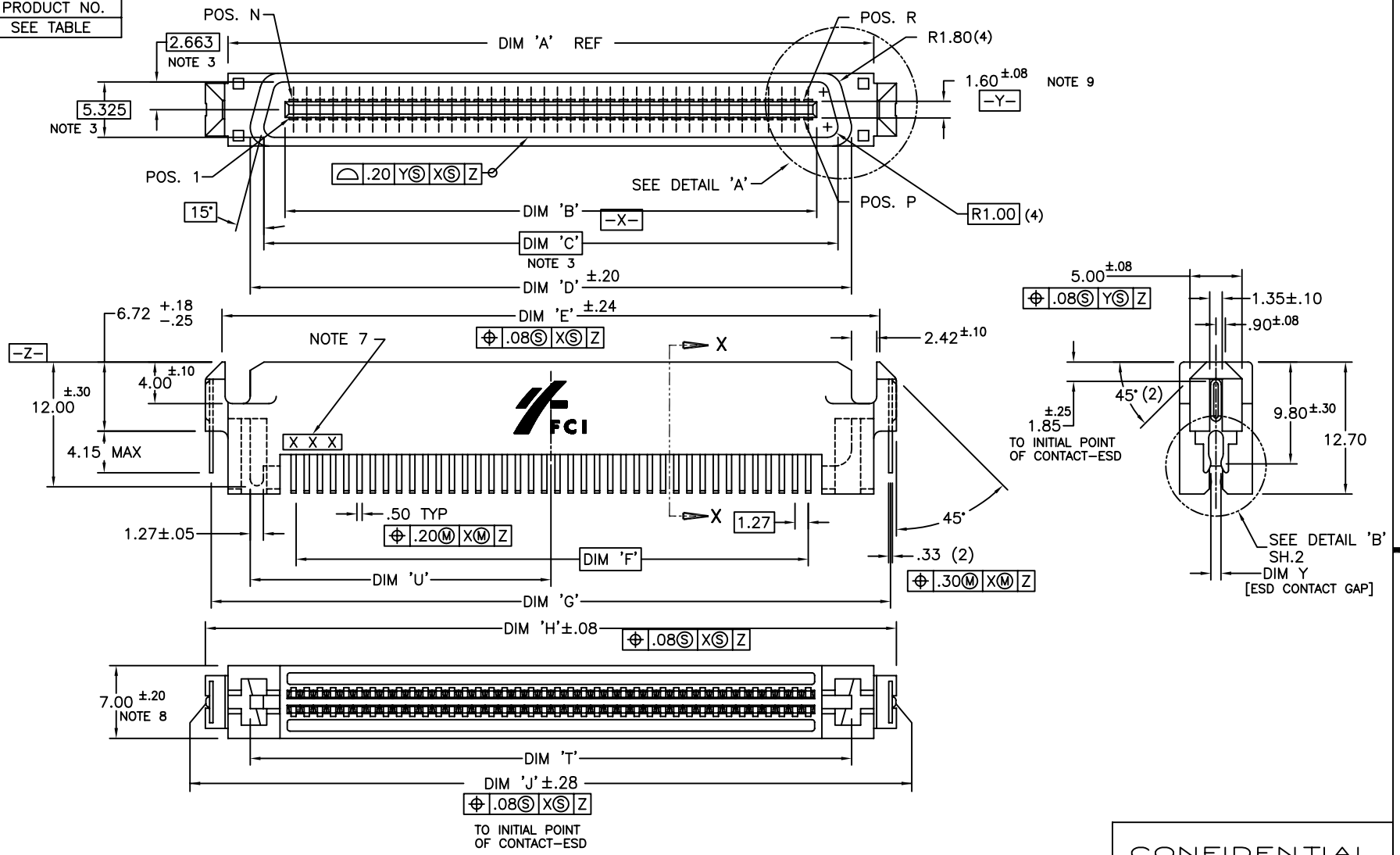
Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du proprietaire.
Propriete de c FCI. Droits de reproduction FCI.

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor.
Property of FCI. Copyright FCI.

PRODUCT NO.
SEE TABLE



CONFIDENTIAL

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY
ltr	ecn no	dr	date		.X ±.3		
L	S10131	GLL	11/12/01	linear	.XX ±.13		projection
M	S20041	GLL	4/22/02		.XXX ±.051		
N	S03-0049	GLL	4/03/03	angles	0° ±2°		
P	S04-0058	GLL	3/30/04	dr	FUSSELMAN	9/22/95	MM
R	S04-0246	GLL	11/18/04	engr	J.DAVID	9/22/95	
S	S05-0051	GLL	2/23/05	chr	GL LOO	2/20/01	scale 1:1
				appd	JOEY NG	2/20/01	

sheet	revision	S	S	S	S
index	sheet	1	2	3	4

FCI www.fciconnect.com

title: SCA2 PLUG CONNECTOR STRADDLE MOUNT

product family	SCA-2	code
size	dwg no	–
A	71292	sheet 1 of 4

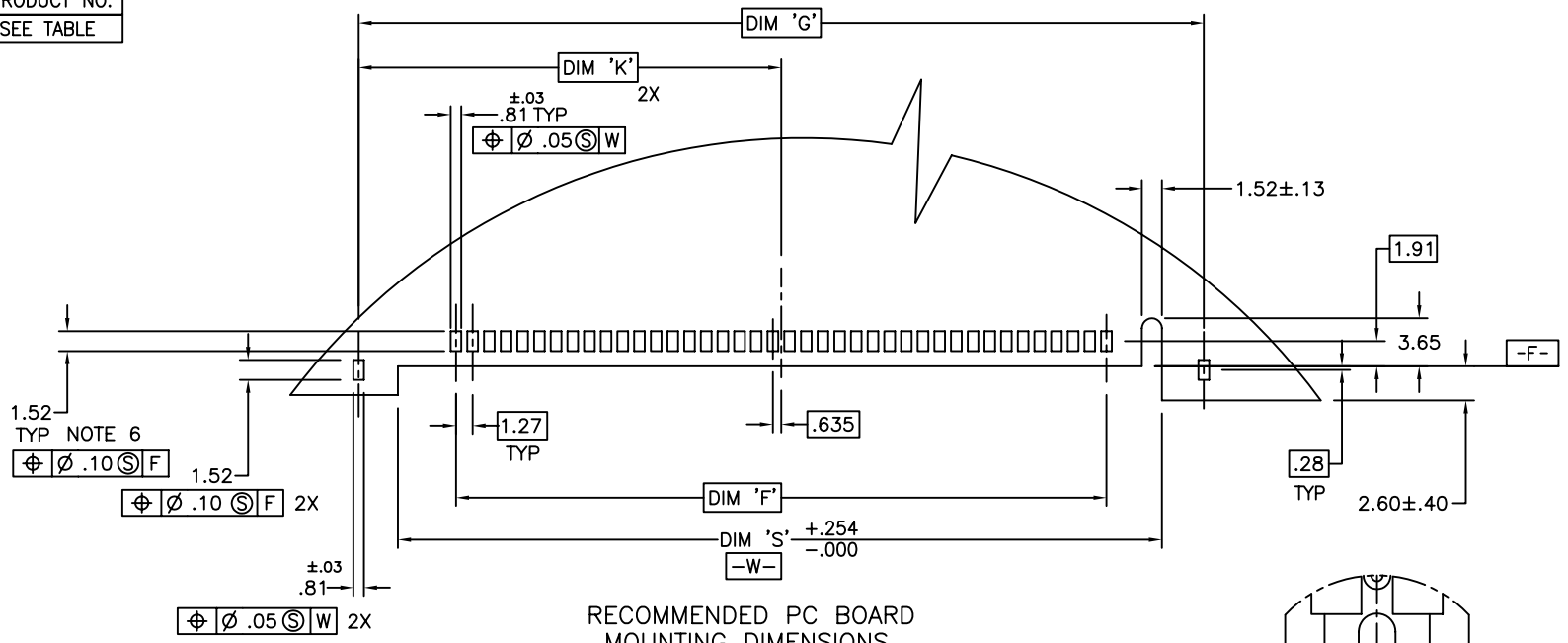
cage code 22526

ACAD

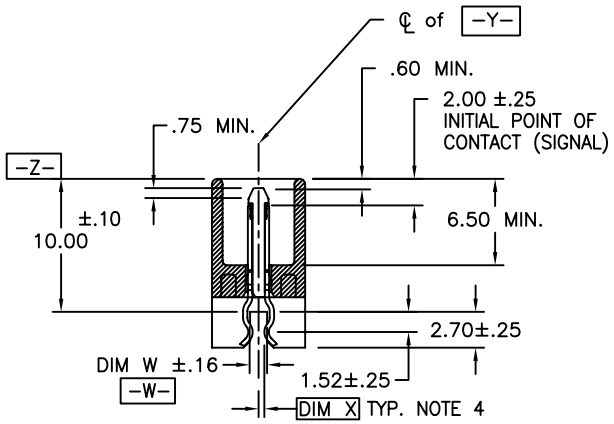
PDM: Rev:S STATUS: Released Printed: Sep 14, 2009

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du proprietaire.
Propriete de c FCI. Droits de reproduction FCI.

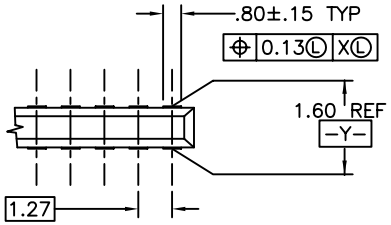
PRODUCT NO.
SEE TABLE



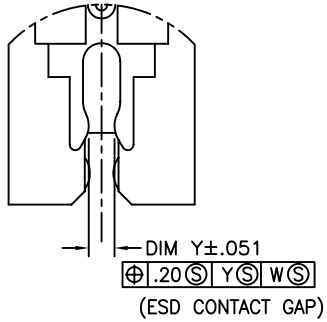
RECOMMENDED PC BOARD
MOUNTING DIMENSIONS



SECTION X–X



DETAIL A
SCALE 2:1



DETAIL B
SCALE 2:1

CONFIDENTIAL

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	linear	.X ±.3		projection	title: SCA2 PLUG CONNECTOR STRADDLE MOUNT
S					.XX ±.13			
					.XXX ±.051			
				angles	0° ±2°			
				dr	FUSSELMAN	9/22/95	MM	product family: SCA–2 / code: –
				engr	J.DAVID	9/22/95		size: A / dwg no: 71292
				chr	GL LOO	2/20/01	scale: 1:1	sheet: 2 of 4
				appd	JOEY NG	2/20/01		
sheet index	revision sheet							cage code: 22526

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor.
Property of FCI. Copyright FCI.

ACAD

PDM: Rev:S STATUS: Released Printed: Sep 14, 2009

PRODUCT NO.	NO. POS.	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	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																						
71292-002	40	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																						
71292-003S	80	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	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.

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du propietaire. Propriete de c FCI. Droits de reproduction FCI.

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

CONFIDENTIAL

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	linear	.X ±.3		projection	title: SCA2 PLUG CONNECTOR STRADDLE MOUNT
S					.XX ±.13			
					.XXX ±.051			
				angles	0° ±2°			
				dr	FUSSELMAN	9/22/95	MM	product family: SCA-2 / code: -
				engr	J.DAVID	9/22/95		size: A / dwg no: 71292 / sheet: 3 of 4
				chr	GL LOO	2/20/01	scale	
				appd	JOEY NG	2/20/01	1:1	
sheet index	revision sheet							cage code: 22526

ACAD

PDM: Rev:S STATUS: Released Printed: Sep 14, 2009

PRODUCT NO.	NO. POS.	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	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	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	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	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

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: 2.54 µm (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: 2.54 µm (100µ") –5.08µm (200µ") TIN PLATING (LEAD-FREE) WITH 1.27µm (50µ") NICKEL UNDERPLATE

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du proprietaire. Propriete de c FCI. Droits de reproduction FCI.

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

CONFIDENTIAL

| | | | | | | | | | | | | | | | | | | |