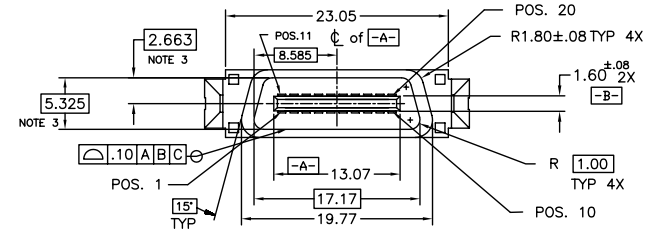
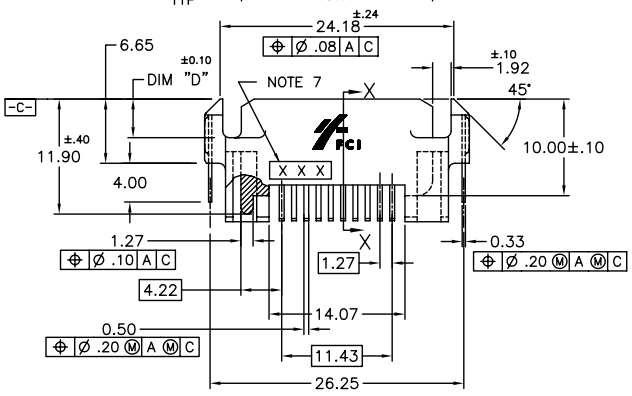
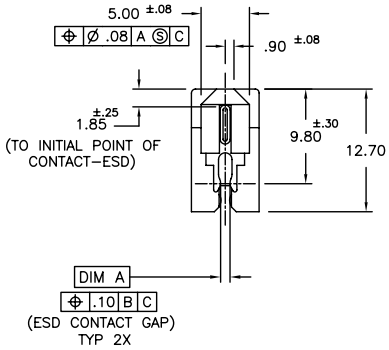
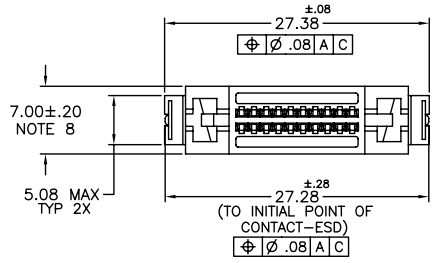
PRODUCT NO.
SEE TABLE









CONFIDENTIAL

mat'l. code				tolerances unless otherwise specified			
ltr	ecn no	dr	date		.X ±.3		
G	S10131	GLL	11/12/01	linear	.XX ±.13		
H	S03-0049	GLL	4/3/03		.XXX ±.051		
J	S04-0029	GLL	3/2/04	angles	0° ±2°		
K	S04-0058	GLL	3/30/04	dr	TANGWEI	9/25/98	
L	S04-0246	GLL	11/18/04	engr	GL LOO	9/25/98	
M	S05-0051	GLL	2/23/05	chr	GL LOO	9/25/98	
				appd	JOEY NG	9/25/98	
sheet index	revision sheet		M M M 1 2 3				

CUSTOMER COPY
projection
MM
scale 1:1

FCI www.fciconnect.com

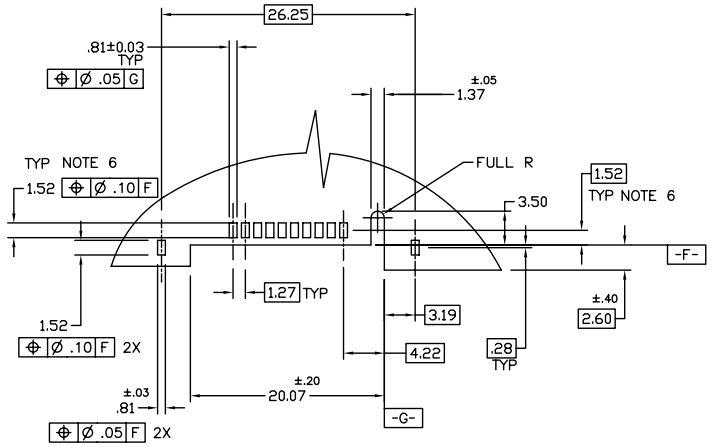
title: SCA2 PLUG CONNECTOR STRADDLE MOUNT

product family SCA-2 | code –
size A | dwg no 72547 | sheet 1 of 3

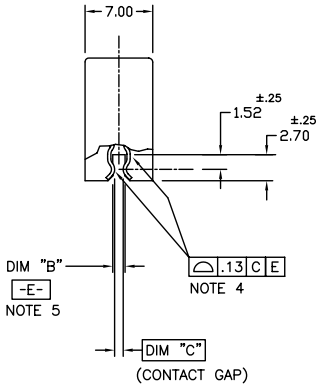
cage code 22526

PDM: Rev:M STATUS: Released Printed: Feb 01, 2007

PRODUCT NO.
SEE TABLE



RECOMMENDED PC BOARD
MOUNTING DIMENSIONS



SECTION X–X

CONFIDENTIAL

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	linear	.X ±.3			
M					.XX ±.13		projection	title SCA2 PLUG CONNECTOR STRADDLE MOUNT
					.XXX ±.051			
				angles	0° ±2°			
				dr	TANGWEI	9/25/98	MM	product family SCA–2 code –
				engr	GL LOO	9/25/98		size A dwg no 72547 sheet 2 of 3
				chr	GL LOO	9/25/98	scale 1:1	
				appd	JOEY NG	9/25/98		
sheet index	revision sheet	1						cage code 22526

ACAD

PDM: Rev:M STATUS: Released Printed: Feb 01, 2007

PRODUCT NO.	NO. OF POS.	RECOMMENDED PCB THICKNESS	DIM. A	DIM. B	DIM. C	DIM. D	PLATING SPEC	PRODUCT NO.	PLATING SPEC	PRODUCT NO.	PLATING SPEC
72547-001	20	1.19	.970	1.32	0.88	4.00	NOTE 2	72547-001LF	NOTE 16	72547-201LF	NOTE 12
72547-001S											
72547-002	20	1.57	1.520	1.83	1.44	4.00		72547-002LF		72547-202LF	
72547-002S											
72547-003	20	1.57	1.520	1.83	1.44	5.00		72547-003LF		72547-203LF	
72547-003S											
72547-103S							NOTE 10				
72547-004	20	1.57	1.520	1.83	1.44	4.00	NOTE 10	---		72547-204LF	
72547-004S											
								SEE NOTE 16 NOTE 15		SEE NOTE 12 NOTE 15	

NOTES:

1. HOUSING : LCP, UL94V-0 RATED, COLOR: BLACK
   CONTACTS: PHOSPHOR BRONZE
   ESD CONTACT: PHOSPHOR BRONZE
2. PLATING: CONTACT: 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: 2.54 µm (100µ") MIN TIN-LEAD PLATING WITH 1.27µm (50µ") MIN. 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 "B" DIM.
6. THESE DIMENSIONS RESULT IN THE CONTACT RESTING IN CENTER OF PAD WIDTH. THESE DIMENSIONS ARE SUBJECT TO CHANGE DEPENDING ON CUSTOMERS MANUFACTURING PREFERENCES IN PROCESS, SOLDER PLACEMENT AND REFLOW.
7. DATE CODE IN THIS AREA.
8. MEASUREMENT MADE AT THE 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: CONTACT: 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: 2.54 µm (100µ") MIN TIN-LEAD PLATING WITH 1.27µm (50µ") MIN. 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.
12. PLATING: CONTACT: 0,76µm (30µ") MIN GOLD IN CONTACT AREA, 2.54µm (100µ") - 5.08µm (200µ") TIN 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 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 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 WITH 1.27µm (50µ") NICKEL UNDERPLATE

CONFIDENTIAL

ltr	ecn no	dr	date
M			

sheet index	revision sheet
	1

mat'l. code

tolerances unless otherwise specified

linear	.X ±.3
	.XX ±.13
	.XXX ±.051
angles	0° ±2°

dr	TANGWEI	9/25/98
engr	GL LOO	9/25/98
chr	GL LOO	9/25/98
appd	JOEY NG	9/25/98

CUSTOMER COPY

projection

MM

scale 1:1

FCI www.fciconnect.com

title: SCA2 PLUG CONNECTOR STRADDLE MOUNT

product family SCA-2 | code —

size A | dwg no 72547 | sheet 3 of 3

cage code 22526

ACAD

PDM: Rev:M STATUS:Released Printed: Feb 01, 2007