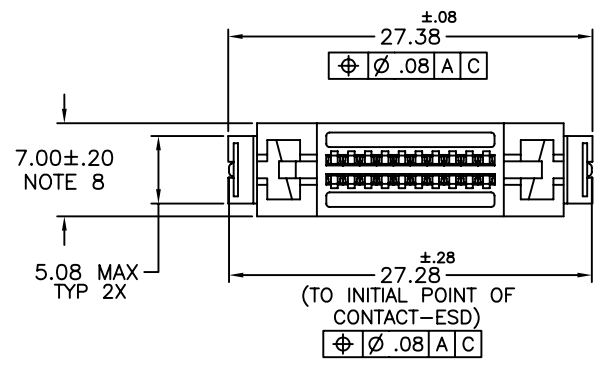
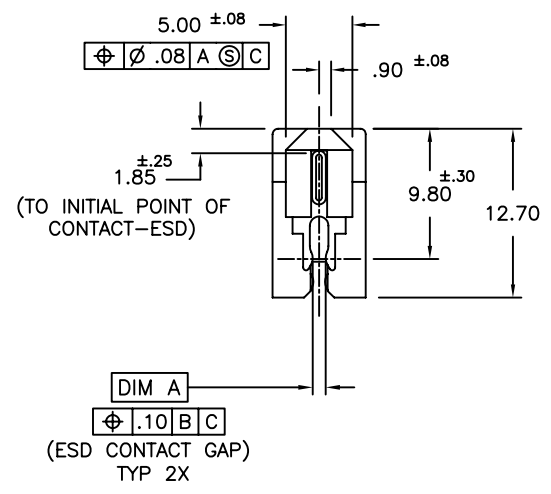
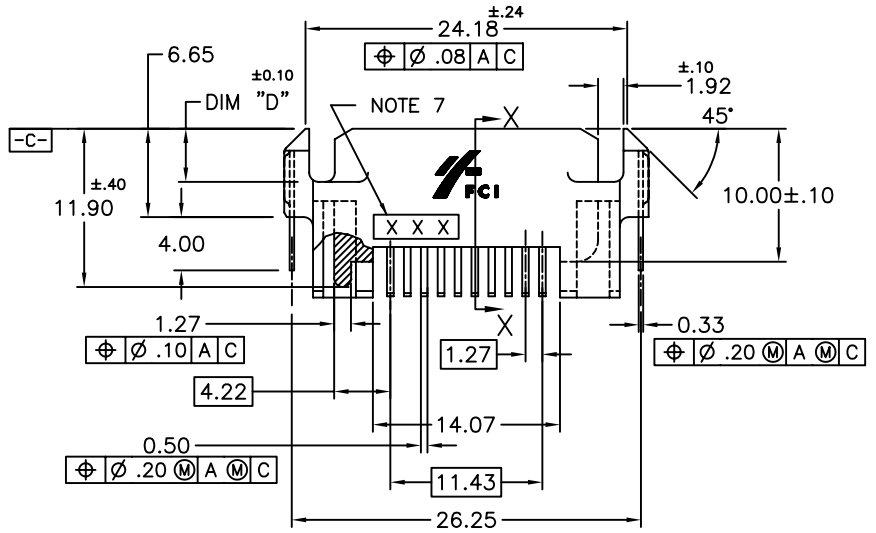
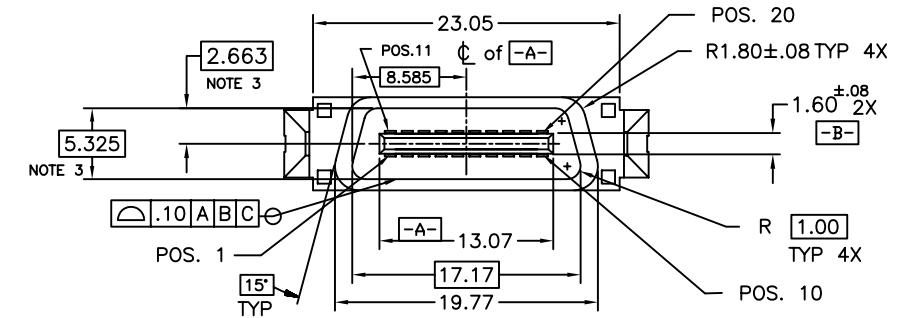


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mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		www.fciconnect.com				
ltr	ecn no	dr	date	linear	.X ±.3	projection		title				
G	S10131	GLL	11/12/01		.XX ±.13			SCA2 PLUG CONNECTOR STRADDLE MOUNT				
H	S03-0049	GLL	4/3/03	angles	.XXX ±.051		product family	SCA-2	code			
J	S04-0029	GLL	3/2/04		0' ±2'			size	dwg no	-		
K	S04-0058	GLL	3/30/04	dr	TANGWEI	9/25/98	scale	A	72547			
L	S04-0246	GLL	11/18/04	enr	GL L00	9/25/98				1:1	sheet	1 of 3
M	S05-0051	GLL	2/23/05	chr	GL L00	9/25/98						
				appd	JOEY NG	9/25/98						
sheet index	revision sheet	M	M	M								
		1	2	3								

cage code  
22526  
STATUS: Released

ACAD

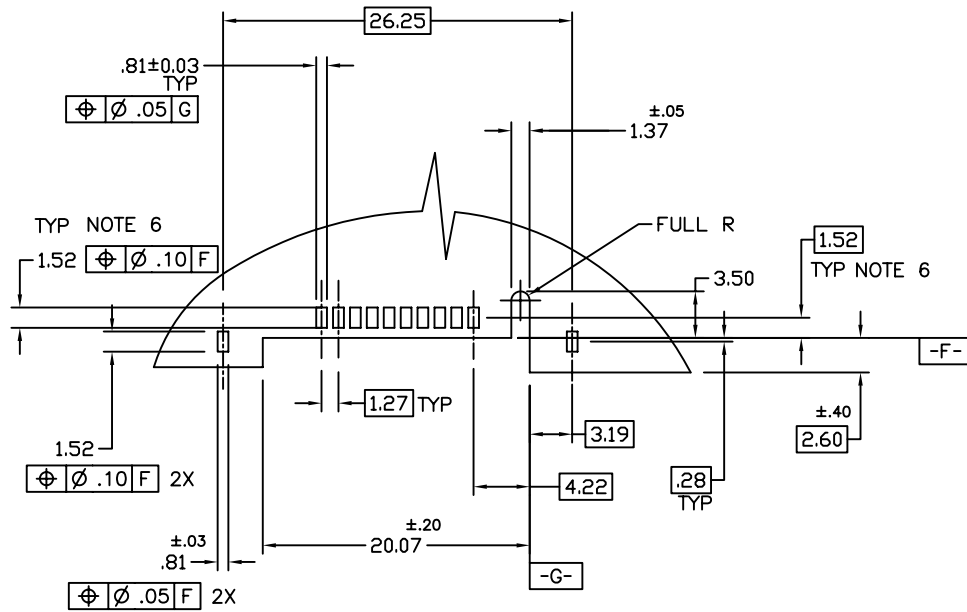
PDM: Rev:M

Printed: Feb 01, 2007

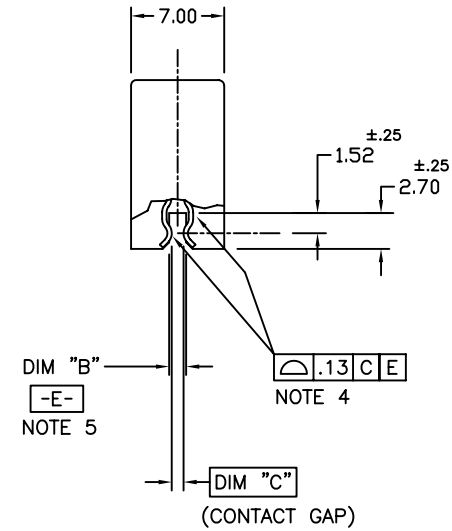
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RECOMMENDED PC BOARD MOUNTING DIMENSIONS



SECTION X-X

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ltr	ecn no	dr	date	linear	.X ±.3		projection	title <b>SCA2 PLUG CONNECTOR STRADDLE MOUNT</b>		
M					.XX ±.13					
				angles	.XXX ±.051			product family SCA-2 code - size dwg no 72547 sheet 2 of 3		
					0° ±2'					
				dr	TANGWEI	9/25/98	← MM → scale 1:1	A		
				enr	GL LOO	9/25/98				
				chr	GL LOO	9/25/98				
				appd	JOEY NG	9/25/98				
sheet index	revision sheet		1							

cage code  
22526

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PDM: Rev:M

STATUS: Released

Printed: Feb 01, 2007

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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											
72547-002S											
72547-003											
72547-003S	20	1.57	1.520	1.83	1.44	5.00	NOTE 10	72547-003LF		72547-203LF	
72547-103S											
72547-004	20	1.57	1.520	1.83	1.44	4.00	NOTE 10	---		72547-204LF	
72547-004S											

NOTES:

- HOUSING : LCP, UL94V-0 RATED, COLOR: BLACK  
CONTACTS: PHOSPHOR BRONZE  
ESD CONTACT: PHOSPHOR BRONZE
- 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
- MEASURED AT THE FLOOR OF THE CAVITY MEASURED 6mm FROM DATUM  $\square-Z$  .
- APPLIES TO ALL SURFACES OF CONTACT TAILS
- MAXIMUM BOARD THICKNESS THAT CONNECTOR CAN ACCOMODATE IS DEFINED BY "B" DIM.
- 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.
- DATE CODE IN THIS AREA.
- 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.
- DISTANCE MEASURED ACROSS CONTACT MATING SURFACES ALONG EFFECTIVE MATING AREA AND CONTACT MUST BE ABOVE PLASTIC ALONG EFFECTIVE MATING AREA.
- 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
- PART NUMBERS ENDING IN -0xx or -0xxS or -1xxS ARE MANUFACTURED WITH BRIGHT FINISH TIN-LEAD PLATING IN P.C. BOARD LEG AREA.
- 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
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- PART NUMBERS ENDING IN "LF" MEANS FOR NOTE 14 LEAD FREE IDENTIFICATION. P/N XXXXX-2XXLF IS EQUIVALENT TO PREVIOUS P/N XXXXX-2XX .
- 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



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ltr	ecn no	dr	date	linear	.X ±.3			projection		title			
M					.XX ±.13					SCA2 PLUG CONNECTOR			
					.XXX ±.051					STRADDLE MOUNT			
				angles	0° ±2'			MM scale 1:1	product family		code		
				dr	TANGWEI	9/25/98	SCA-2		-				
				engr	GL LOO	9/25/98	size		-				
				chr	GL LOO	9/25/98	dwg no		-				
				appd	JOEY NG	9/25/98	72547		sheet 3 of 3				
sheet index	revision sheet		1										