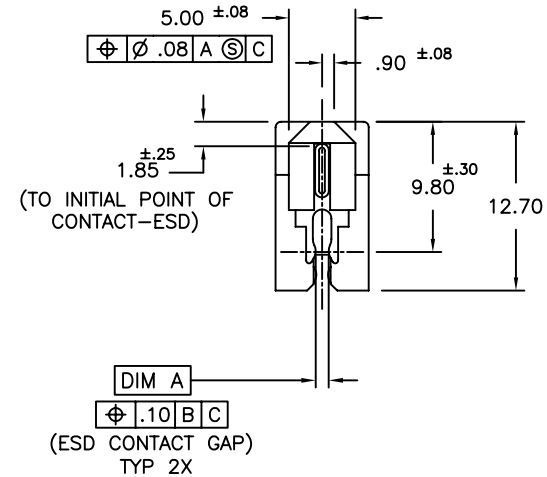
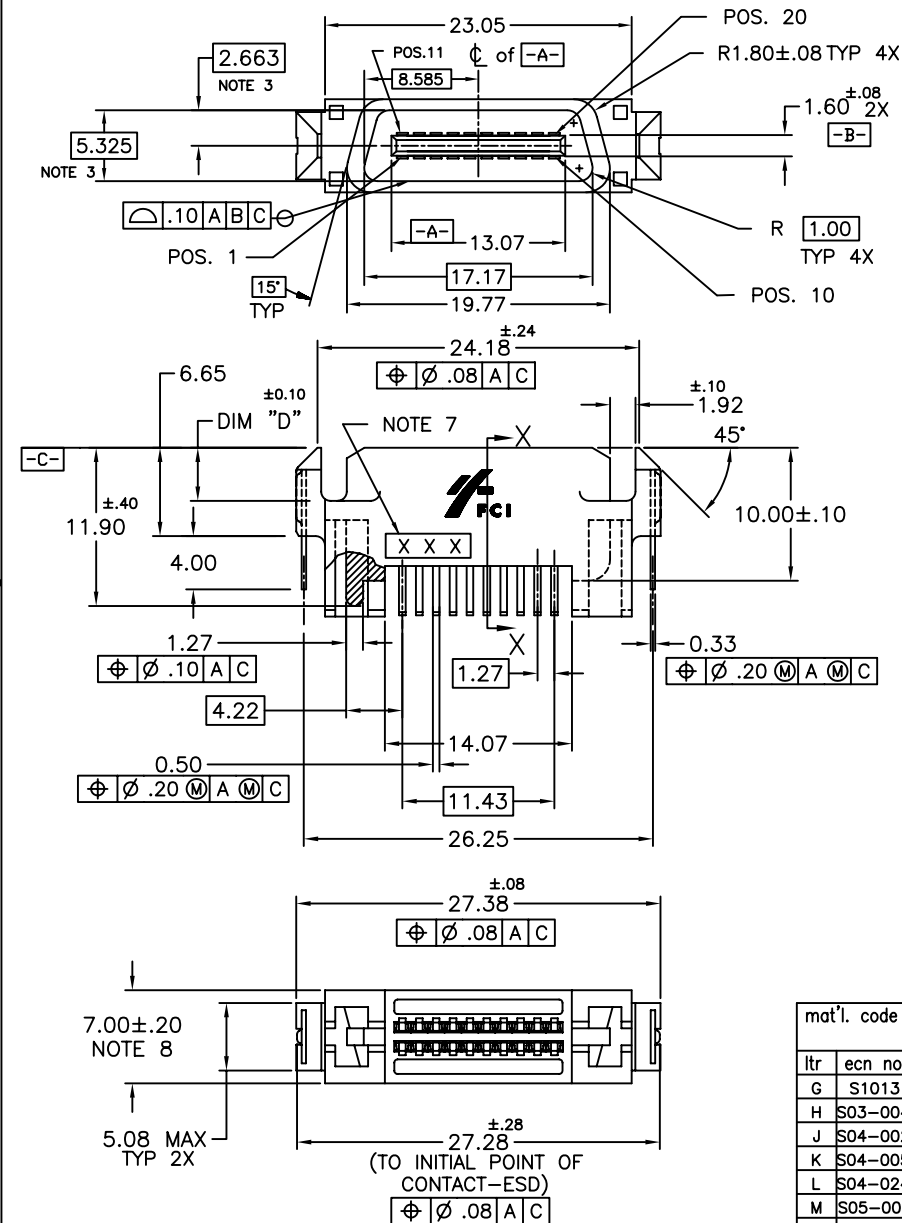


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mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY		A FCI www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X ±.3		projection 	title SCA2 PLUG CONNECTOR STRADDLE MOUNT			
G	S10131	GLL	11/12/01		.XX ±.13						
H	S03-0049	GLL	4/3/03	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

cage code
22526

PDM: Rev:M

STATUS: Released

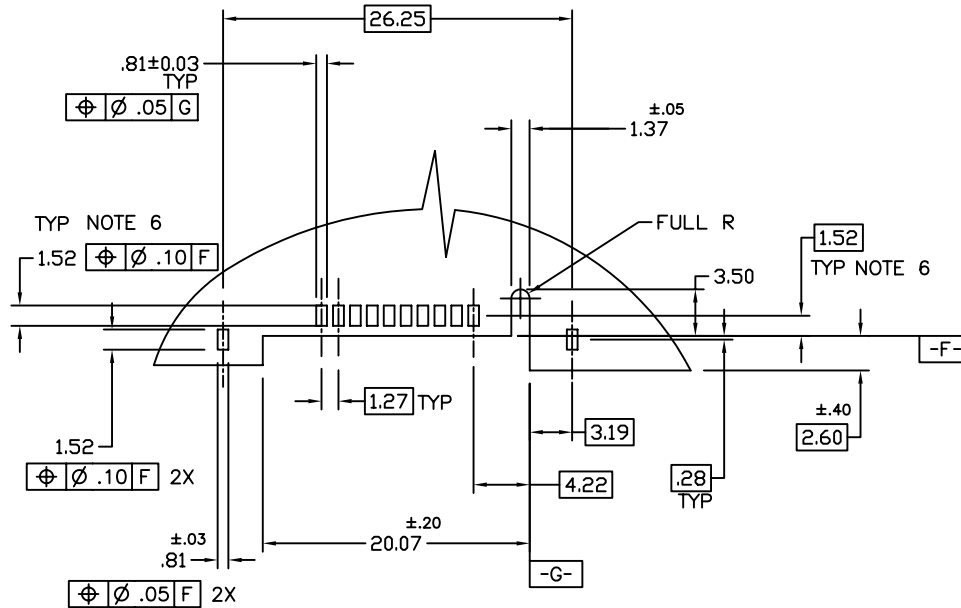
Printed: Feb 01, 2007

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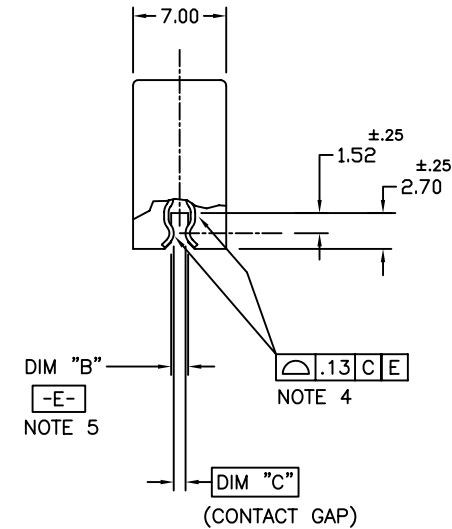
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RECOMMENDED PC BOARD
MOUNTING DIMENSIONS



SECTION X-X

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ltr	ecn no	dr	date	linear	.X ±.3				projection 	title SCA2 PLUG CONNECTOR STRADDLE MOUNT					
M					.XX ±.13										
					.XXX ±.051										
				angles	0° ±2°				MM scale 1:1	product family		SCA-2		code	
				dr	TANGWEI		9/25/98			size	dwg no	72547		-	
				enrg	GL L00		9/25/98							sheet	
				chr	GL L00		9/25/98							2 of 3	
				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	20	1.57	1.520	1.83	1.44	4.00	NOTE 10					
72547-004							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 $\boxed{-Z-}$.
- 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 SCA2 PLUG CONNECTOR STRADDLE MOUNT			
M					.XX ±.13							
					.XXX ±.051							
				angles	0° ±2°				product family SCA-2 size dwg no 72547			
				dr	TANGWEI	9/25/98						
				enrg	GL LOO	9/25/98						
				chr	GL LOO	9/25/98	scale	A				
				appd	JOEY NG	9/25/98	1:1					
sheet index	revision sheet		1									