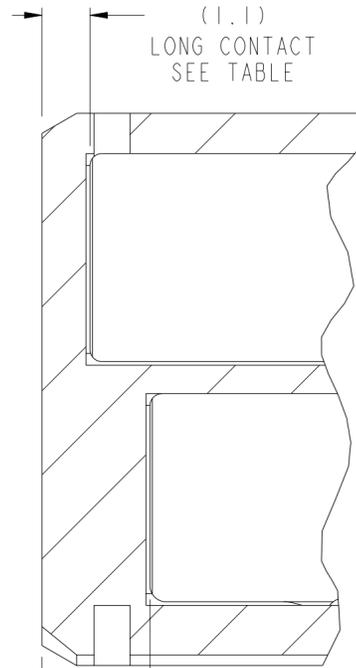
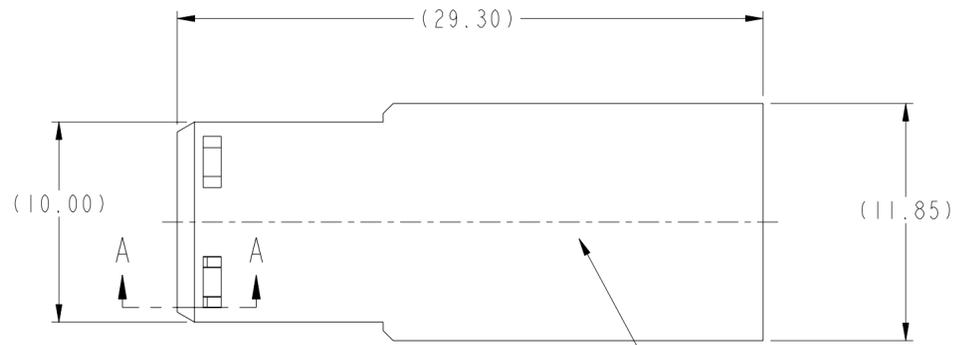
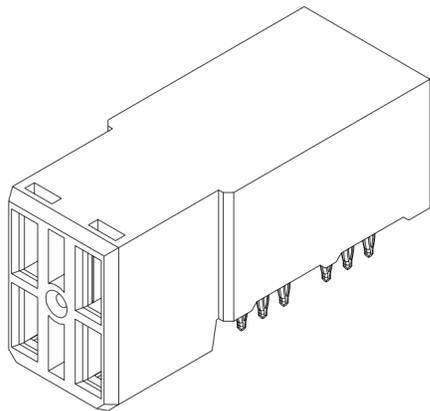
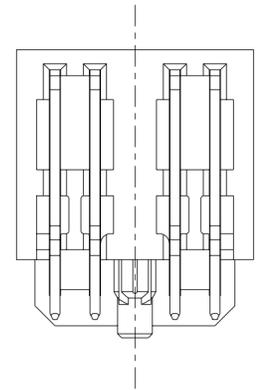
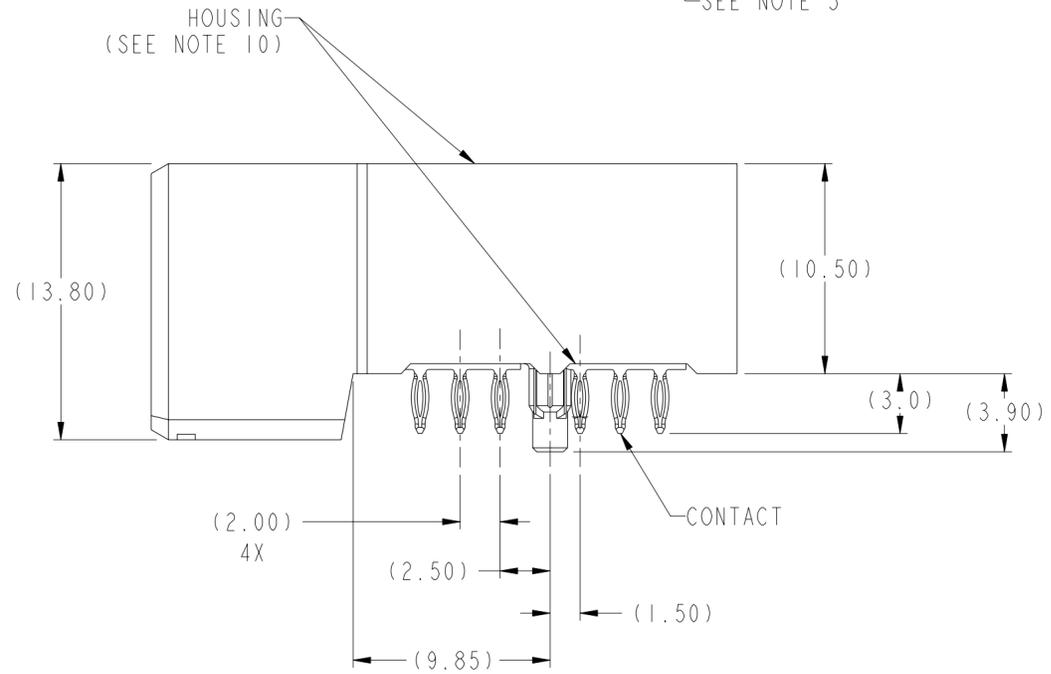
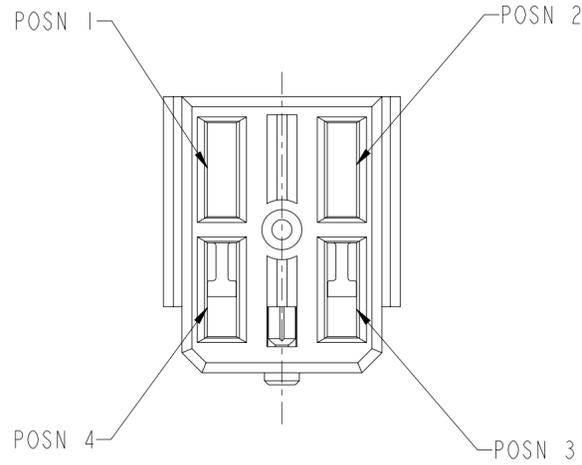


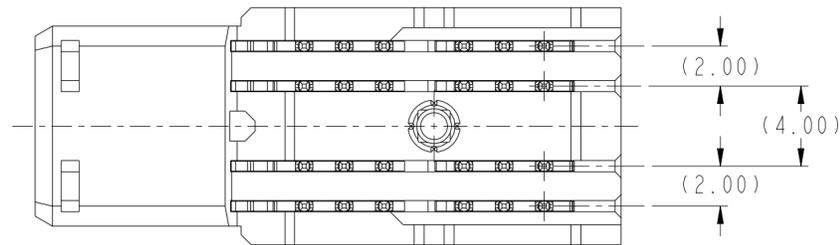
PRODUCT NUMBER ("LF" DENOTES LEAD-FREE)	CONTACT PLATING NOTE	CONTACT DEPTH (SEE SECTION A-A)				ROHS COMPATIBILITY
		POSN 1	POSN 2	POSN 3	POSN 4	
10098550-4444P00LF	2a	LONG	LONG	LONG	LONG	SEE NOTE 8
10098550-5555P00LF	2a	SHORT	SHORT	SHORT	SHORT	SEE NOTE 8
10098550-5545P00LF	2a	SHORT	SHORT	LONG	SHORT	SEE NOTE 8



SECTION A-A  
SCALE 8:1



SCALE 3:1



rev	ecn no	dr	date
A	S09-0144	CH	2009-05-05
B	S10-0050	CH	2010-03-15
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

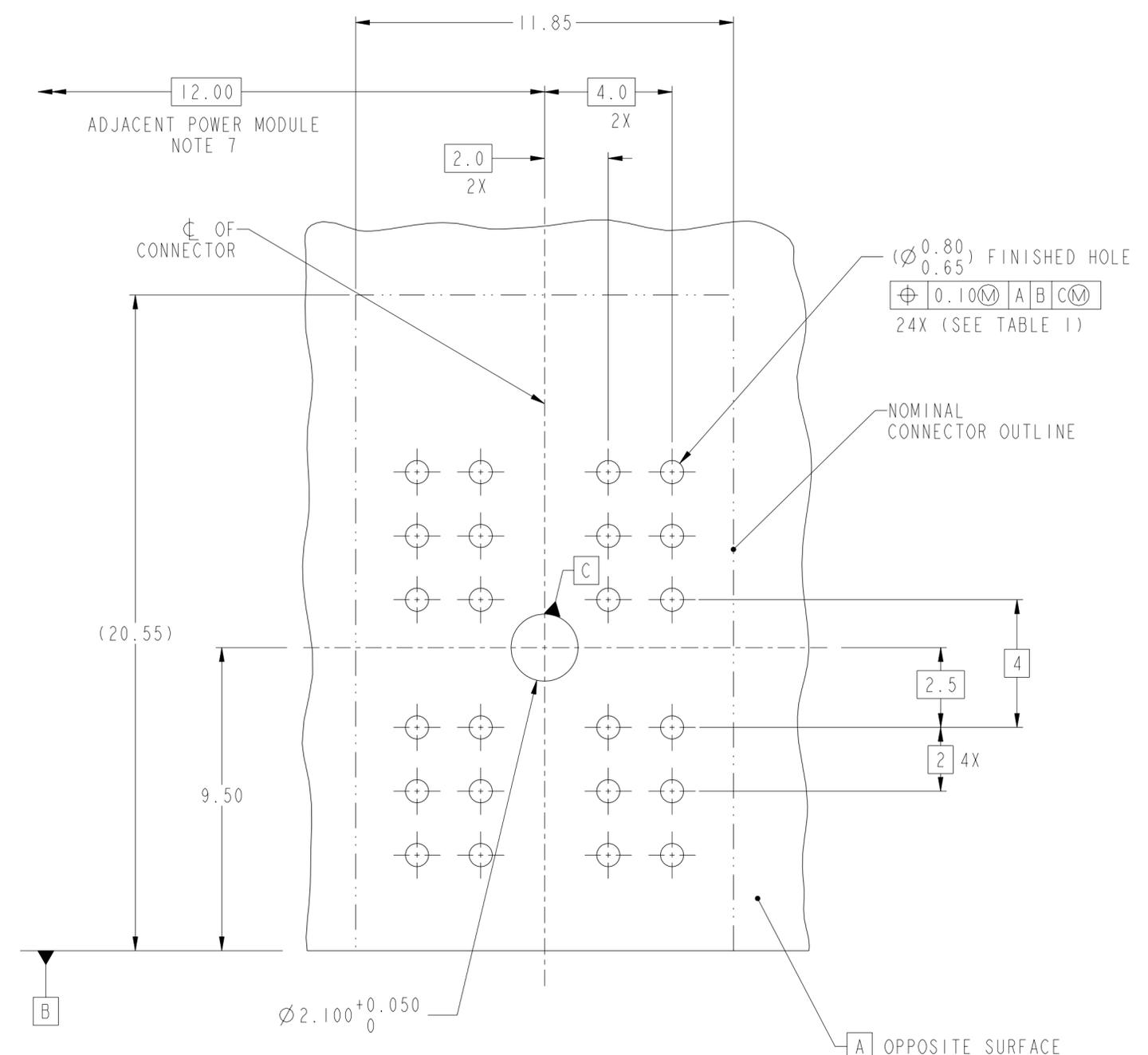
www.fciconnect.com		surface ASME Y14.5	tolerance std ASME Y14.5	projection	MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	C. H. TAN	2009-03-10	ANGULAR	0.x	±
Eng	C. H. TAN	2009-03-10	LINEAR	0.xx	±
Chr	C. H. TAN	2010-03-15	0° ±°	0.xxx	±
Appr	C. H. TAN	2010-03-15	Product family	2mm High Power	Spec ref
FCJ		R/A RECEPTACLE ASSY		size	A2
		POWER, 2X2, w/ LUBRICATION		Scale	1:1
catalog no		CUSTOMER		ECN	--
		sheet 1 of 2		Rev.	B

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TOP LAYER DESCRIPTION	TABLE I PLATED THROUGH-HOLE REQUIREMENTS							
	DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	NICKEL THICKNESS	GOLD THICKNESS	TIN THICKNESS	SILVER THICKNESS	FINISHED HOLE DIAMETER
TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	--	--	--	0.65 - 0.80
IMMERSION TIN	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	0.9 - 1.5um	--	0.70 - 0.80
IMMERSION SILVER	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	--	0.15 - 0.65um	0.70 - 0.80
COPPER (SEE NOTE 11)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	--	--	0.70 - 0.80
GOLD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	0.003 - 0.007	FLASH UP TO 0.0002	--	--	0.69 - 0.80

NOTES:

1. CONNECTOR MATERIALS:  
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK  
UL 94V-0 COMPLIANT  
CONTACT: HIGH PERFORMANCE COPPER ALLOY
2. a) CONTACT PLATING (LEAD FREE):  
PRESS-FIT TAIL: 0.5um MIN MATTE TIN OVER 0.5um MIN NICKEL.  
SEPARABLE INTERFACE: 0.76um MIN GOLD OVER 2.54um MIN NICKEL.  
LUBRICATED WITH ZIPCHEM ZC026  
b) CONTACT PLATING (LEADED): NOT APPLICABLE  
PRESS-FIT TAIL: NOT APPLICABLE  
SEPARABLE INTERFACE: NOT APPLICABLE
3. PRODUCT SPECIFICATION: GS-12-220
4. APPLICATION SPECIFICATION: GS-20-023
5. PRODUCT MARKING (PRODUCT NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
6. MINIMUM NOMINAL PCB THICKNESS: 1.6mm
7. REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO SIGNAL MODULES.
8. PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN FCI SPECIFICATION GS-22-008.
9. PACKAGING MEETS FCI SPECIFICATION GS-14-920.
10. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
11. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
12. A  $\triangle$  SYMBOL WILL BE NEXT TO ANY DIMENSIONS, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION



RECOMMENDED PCB LAYOUT  
COMPONENT SIDE  
NOTE 6  
SCALE 4:1

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FCI	TITLE	R/A RECEPTACLE ASSY	dwg no	10098550	Rev.	B
		POWER, 2X2, w/ LUBRICATION				
	CATALOG NO		CUSTOMER	sheet 2 of 2		