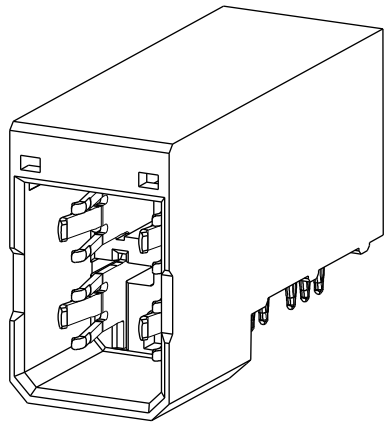
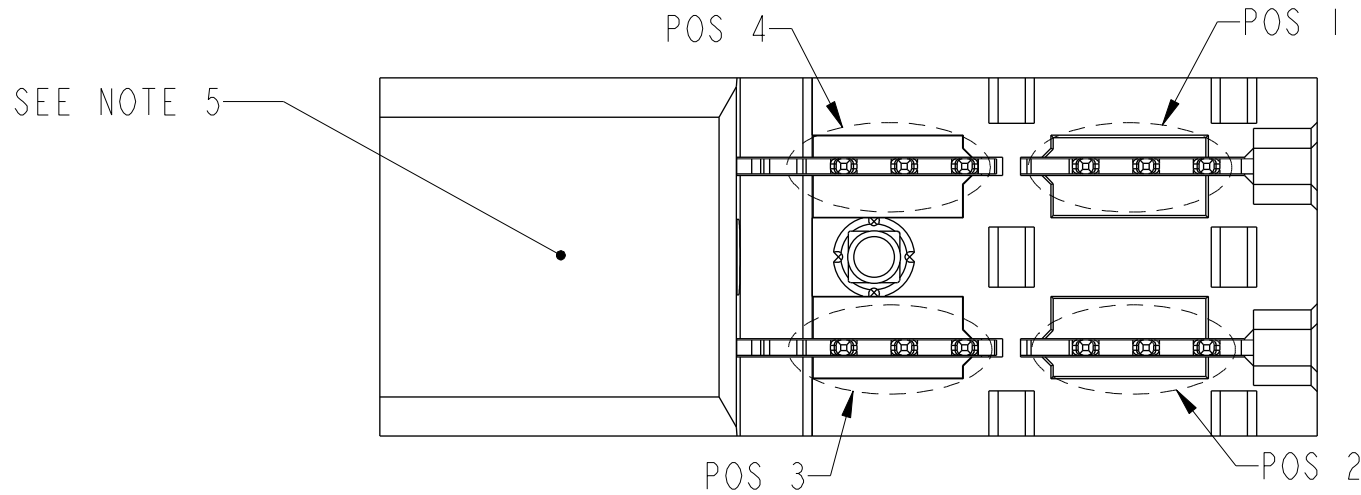
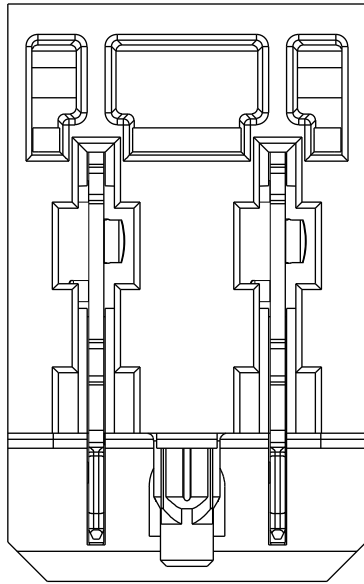
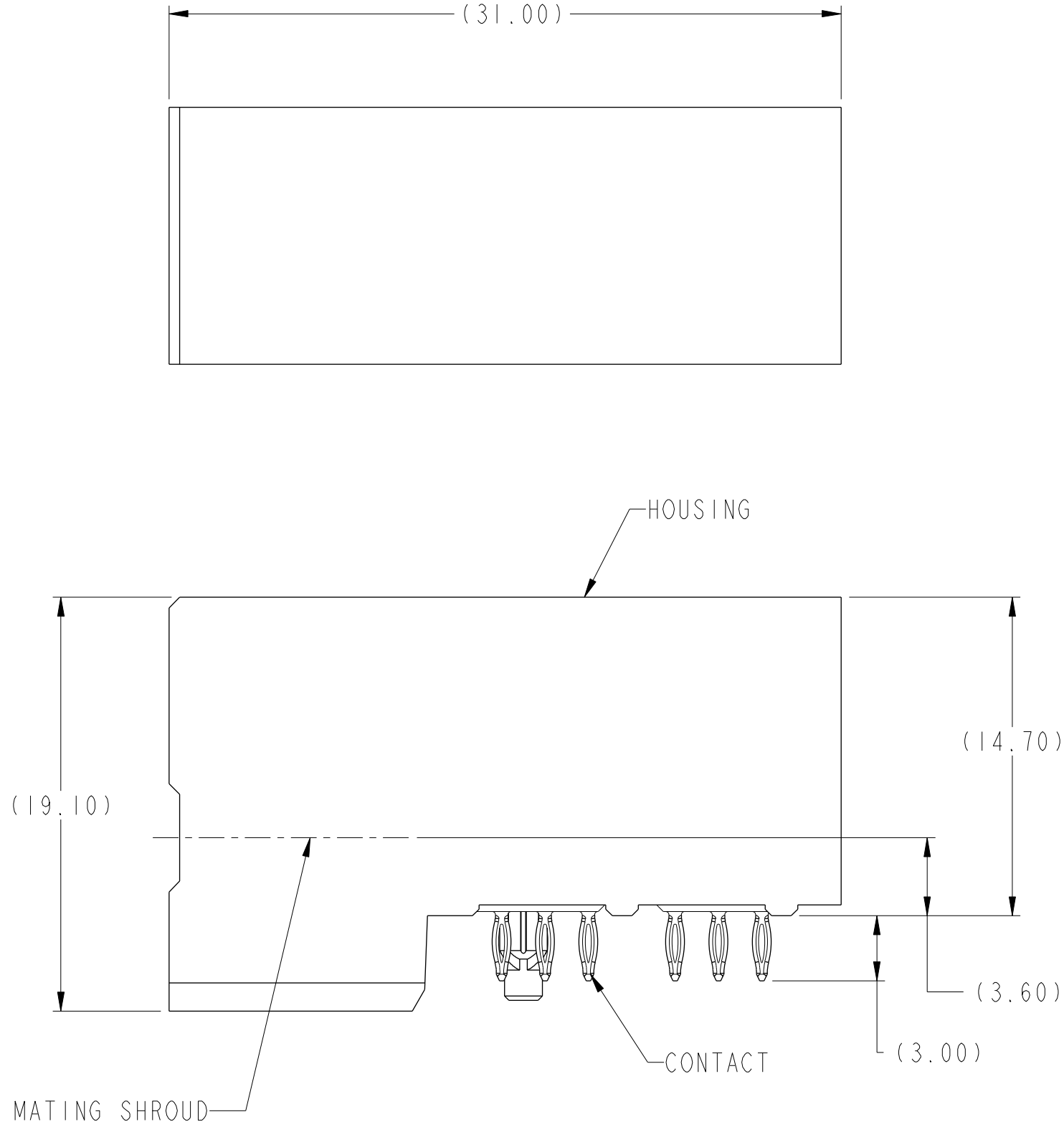
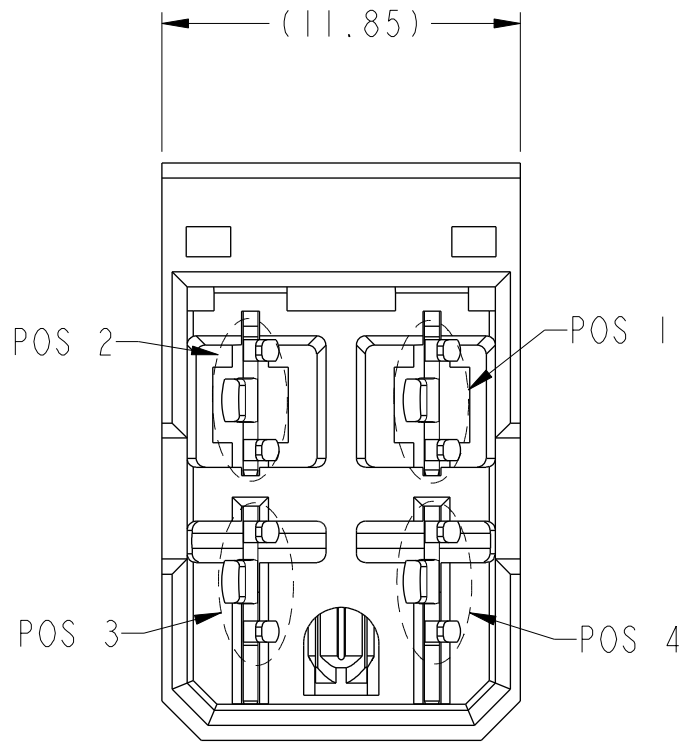
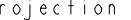


PRODUCT NUMBER (SEE NOTE 2) (SPECIAL FOR SAMTEC)	CONTACT PLATING			ROHS COMPATIBILITY	LASER MARK (SEE NOTE 5)
	SEPARABLE INTERFACE		PRESS-FIT TAIL		
	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-220		MATTE TIN OVER NICKEL	SEE NOTE 8	EPTT2PI4D



SCALE 2:1

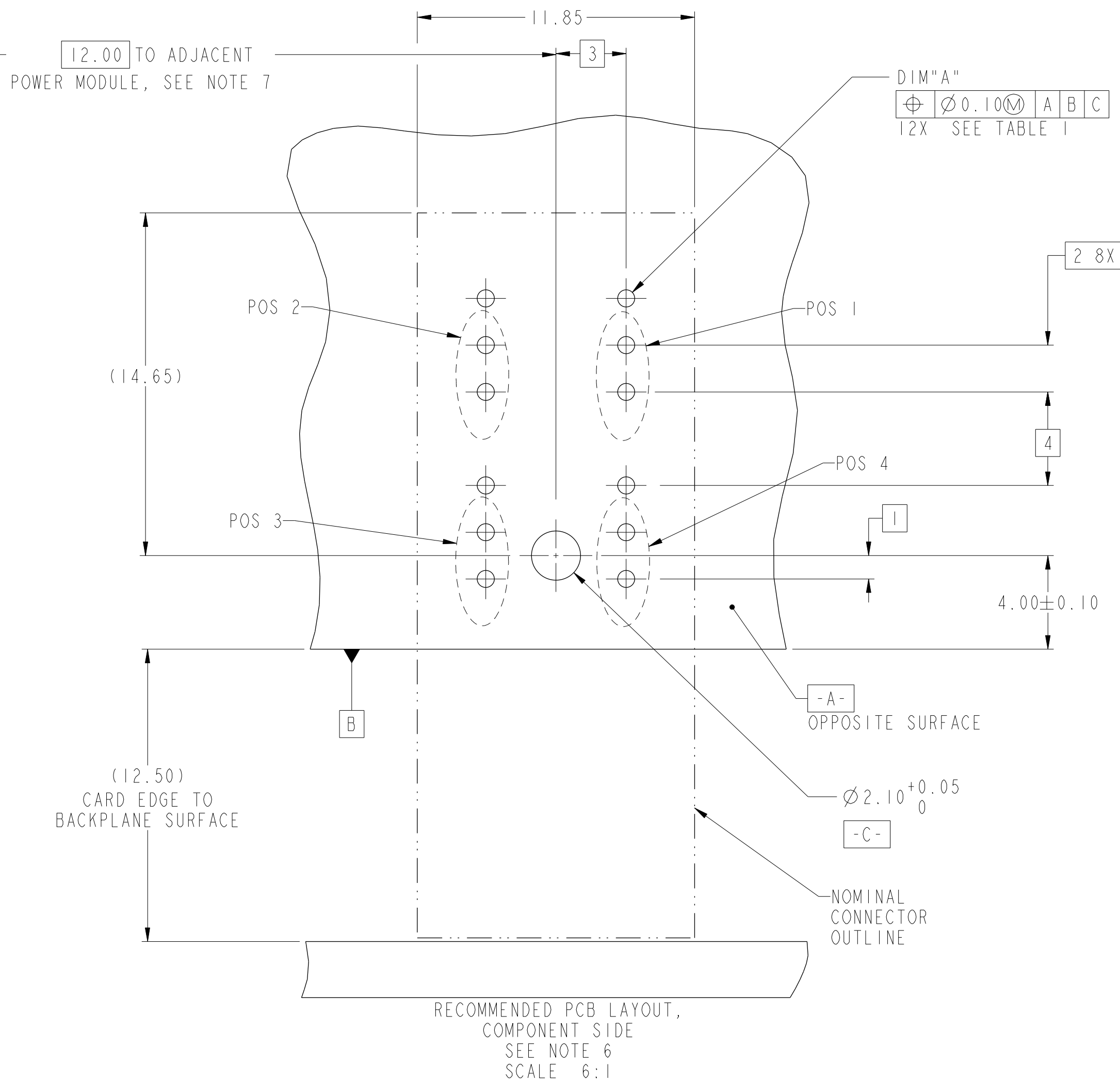


spec ref	GS-12-220			dr	Tao Zhan	2015/11/10	projection		MM		size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Jackie Chen	2016/07/01					ecn no	-	rel level	Released
ASME Y14.5				chr	-	-								
-				appr	Pei-Ming Zheng	2016/07/01	product family		2mm High Power					
surface	linear	0.X	±.3	Amphenol FCI	title	R/A HEADER ASSY 2X2					dwg no	10137541	rev	A
		0.XX	±.1											
		0.XXX	±.050											
	ASME Y14.5	angular	0°			±2°	cat. no.	-	Product - Customer Drw					

1	2	3	4	5	6	7	8	
TOP LAYER DESCRIPTION	TABLE 1 PLATED THROUGH-HOLE REQUIREMENTS							
	DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	NICKEL THICKNESS	GOLD THICKNESS	TIN THICKNESS	SILVER THICKNESS	
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. "LF" SUFFIX DENOTES "LEAD-FREE"
3. PRODUCT SPECIFICATION: GS-12-220
4. APPLICATION SPECIFICATION: GS-20-023
5. PRODUCT MARKING (LASER MARK & LOT CODE) ON HOUSING.
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. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION
11. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.



spec ref		GS-12-220		dr		Tao Zhan		2019/11/10		projection		size		A2		scale		1:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jackie Chen		2016/07/01				MM				ecn no		-							
ASME Y14.5				chr		-		-								product family		-		rel level		Released			
ASME Y14.5		appr		Pei-Ming Zheng		2016/07/01																			
surface		linear		0.X		±.3		Amphenol FCI		title		R/A HEADER ASSY 2X2						dwg no		10137541		rev		A	
ASME Y14.5		angular		0°		±.050																			