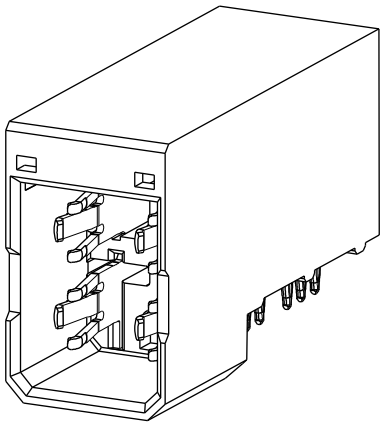
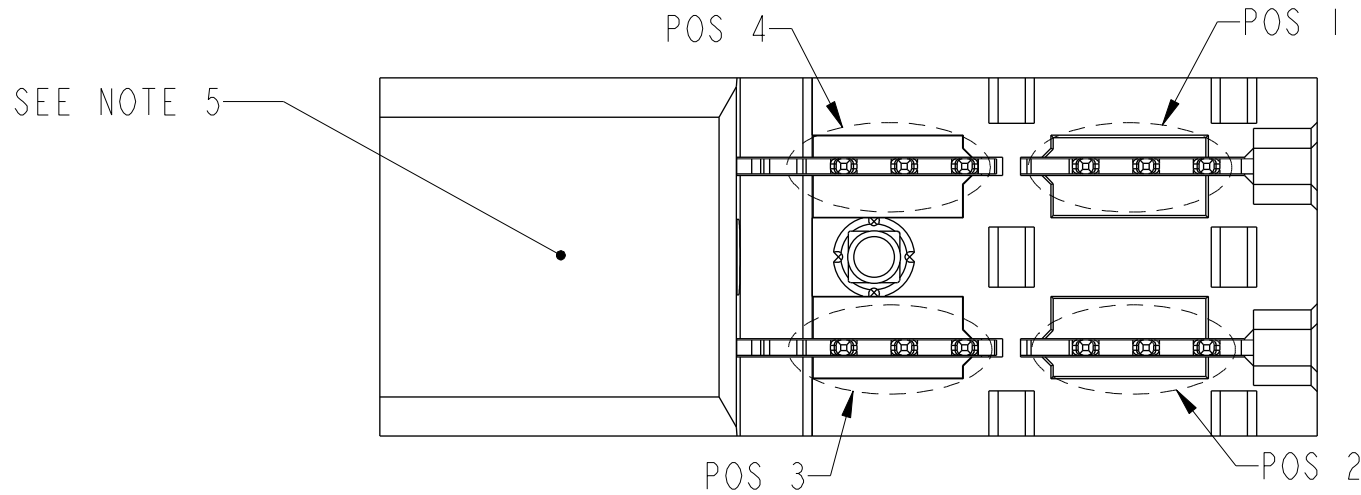
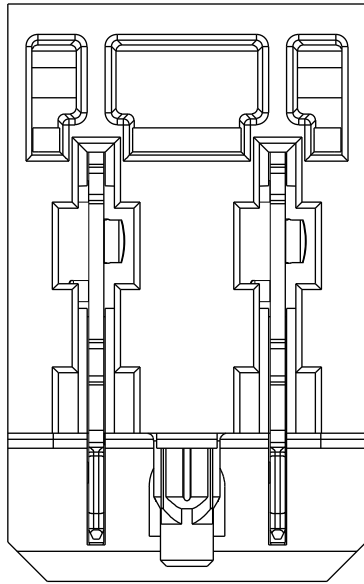
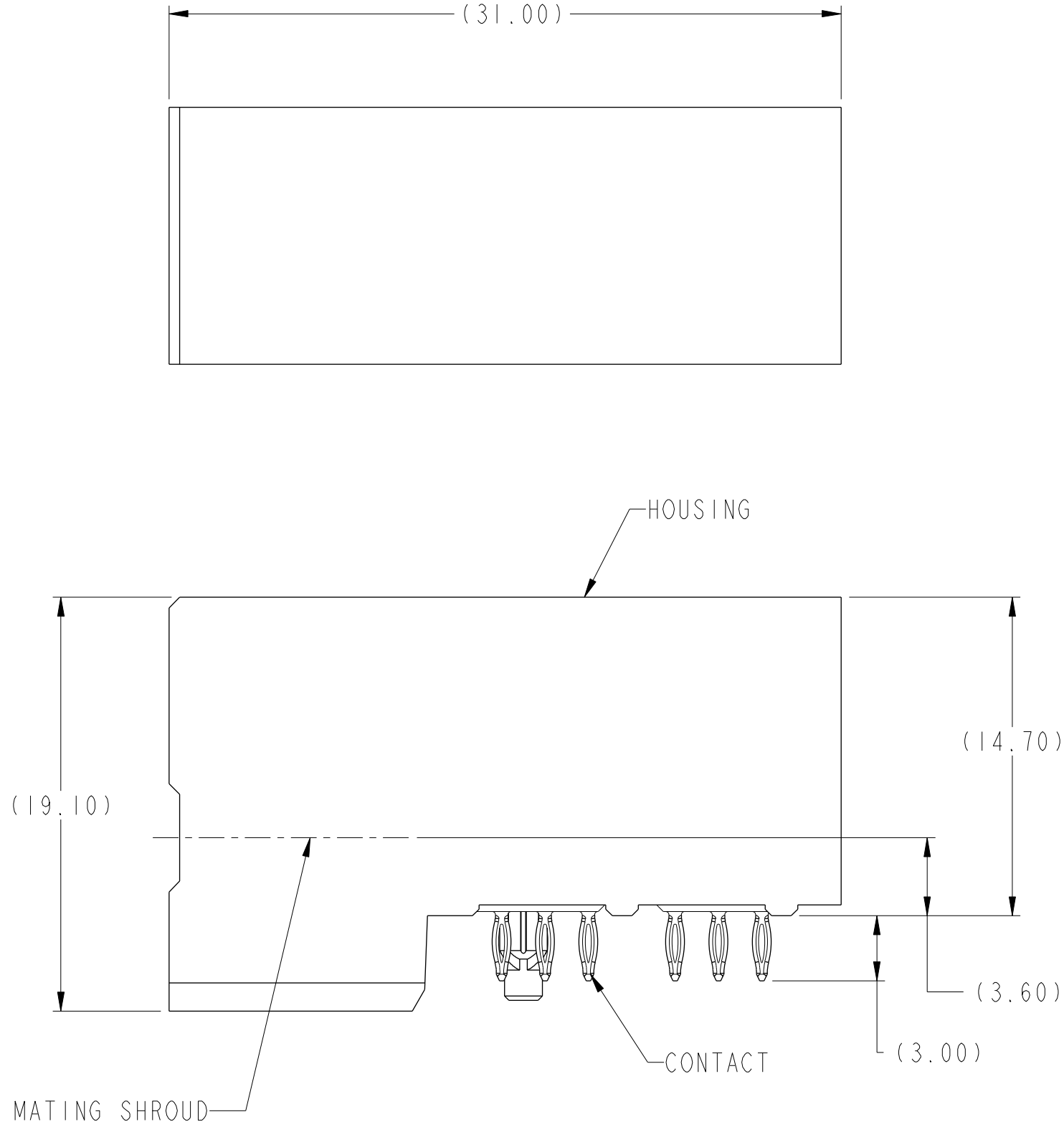
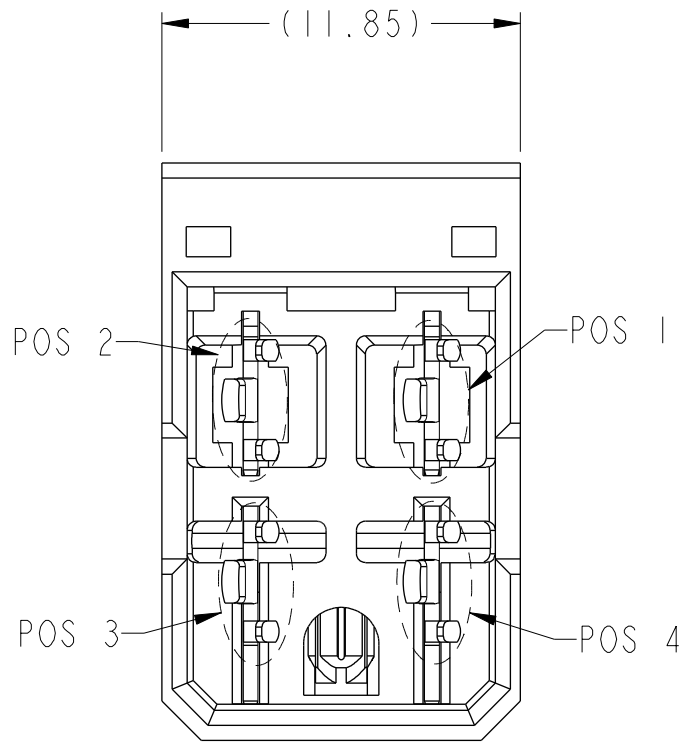
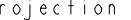


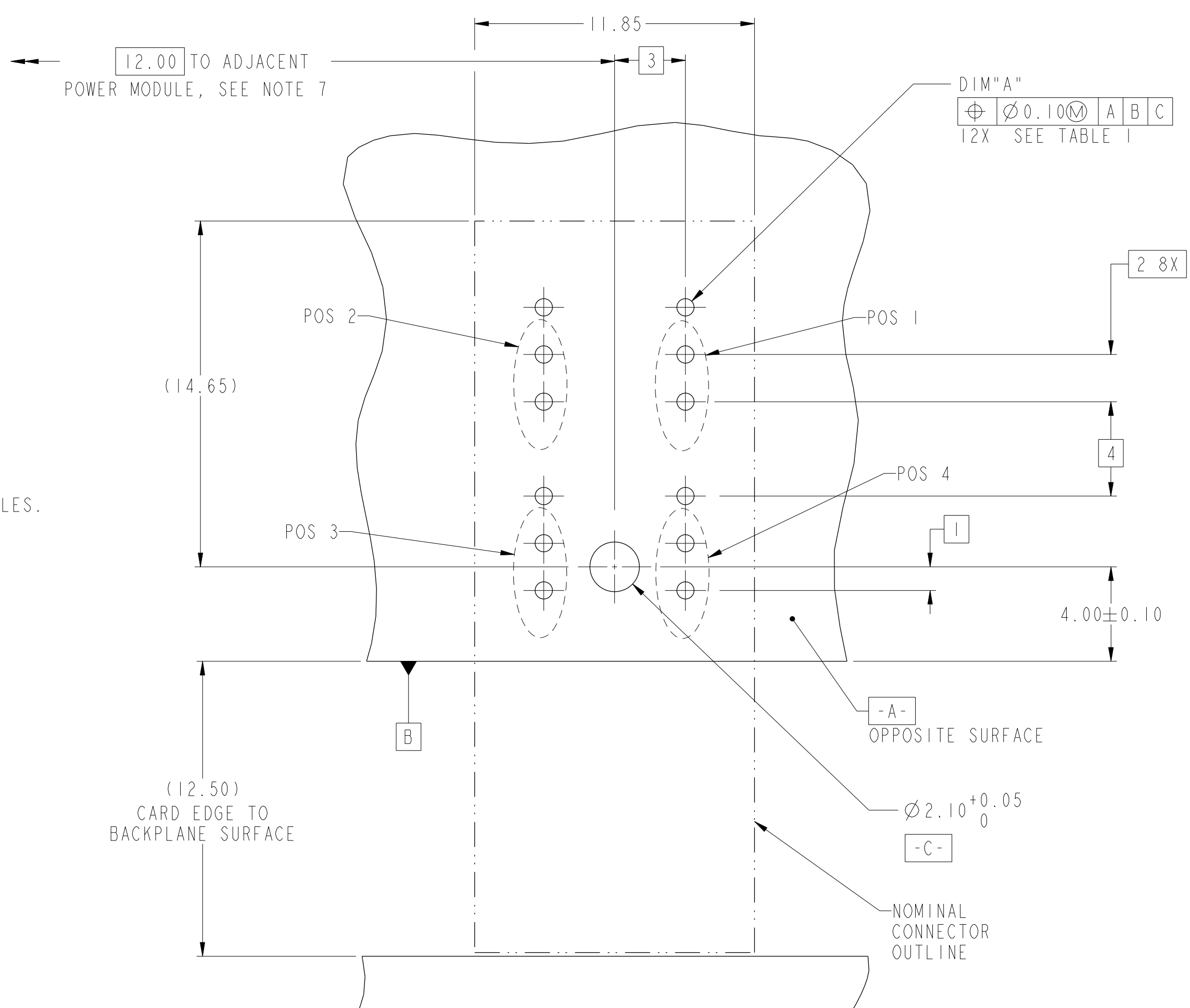
PRODUCT NUMBER (SEE NOTE 2) (SPECIAL FOR SAMTEC)	CONTACT PLATING			ROHS COMPATIBILITY	LASER MARK (SEE NOTE 5)
	SEPARABLE INTERFACE		PRESS-FIT TAIL		
	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-220		MATTE TIN OVER NICKEL	SEE NOTE 8	EPTT2PI4D



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					

I	2	3	4	5	6	7	8																																																														
A	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 (DIM"A")																																																												
	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																																																													
B	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.																																																																				
		RECOMMENDED PCB LAYOUT, COMPONENT SIDE SEE NOTE 6 SCALE 6:1																																																																			
		<table><tr><td>spec ref</td><td>GS-12-220</td><td>dr</td><td>Tao Zhan</td><td>2015/11/10</td><td>projection</td><td>MM</td><td>size</td><td>A2</td><td>scale</td><td>1:1</td></tr><tr><td>tolerance std</td><td>ASME Y14.5</td><td>eng</td><td>Jackie Chen</td><td>2016/07/01</td><td></td><td rowspan="2"></td><td rowspan="3">ecn no</td><td rowspan="3">-</td><td rowspan="3">rel level</td><td>Released</td></tr><tr><td colspan="4" rowspan="2">TOLERANCES UNLESS OTHERWISE SPECIFIED</td><td>chr</td><td>-</td></tr><tr><td>appr</td><td>Pei-Ming Zheng</td><td>2016/07/01</td></tr><tr><td>surface</td><td>-</td><td>linear</td><td>0.X</td><td>±.3</td><td rowspan="3">Amphenol FCI</td><td rowspan="4">R/A HEADER ASSY 2X2 AIRMAX POWER</td><td rowspan="3">cat. no.</td><td rowspan="4">-</td><td rowspan="3">Product - Customer Drw</td><td rowspan="4">sheet 2 of 2</td></tr><tr><td rowspan="2">ASME Y14.5</td><td rowspan="3">✓</td><td rowspan="2">angular</td><td>0.XX</td><td>±.1</td></tr><tr><td>0.XXX</td><td>±.050</td></tr><tr><td colspan="2"></td><td>angular</td><td>0°</td><td>±2°</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr></table>								spec ref	GS-12-220	dr	Tao Zhan	2015/11/10	projection	MM	size	A2	scale	1:1	tolerance std	ASME Y14.5	eng	Jackie Chen	2016/07/01			ecn no	-	rel level	Released	TOLERANCES UNLESS OTHERWISE SPECIFIED				chr	-	appr	Pei-Ming Zheng	2016/07/01	surface	-	linear	0.X	±.3	Amphenol FCI	R/A HEADER ASSY 2X2 AIRMAX POWER	cat. no.	-	Product - Customer Drw	sheet 2 of 2	ASME Y14.5	✓	angular	0.XX	±.1	0.XXX	±.050			angular	0°	±2°						
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