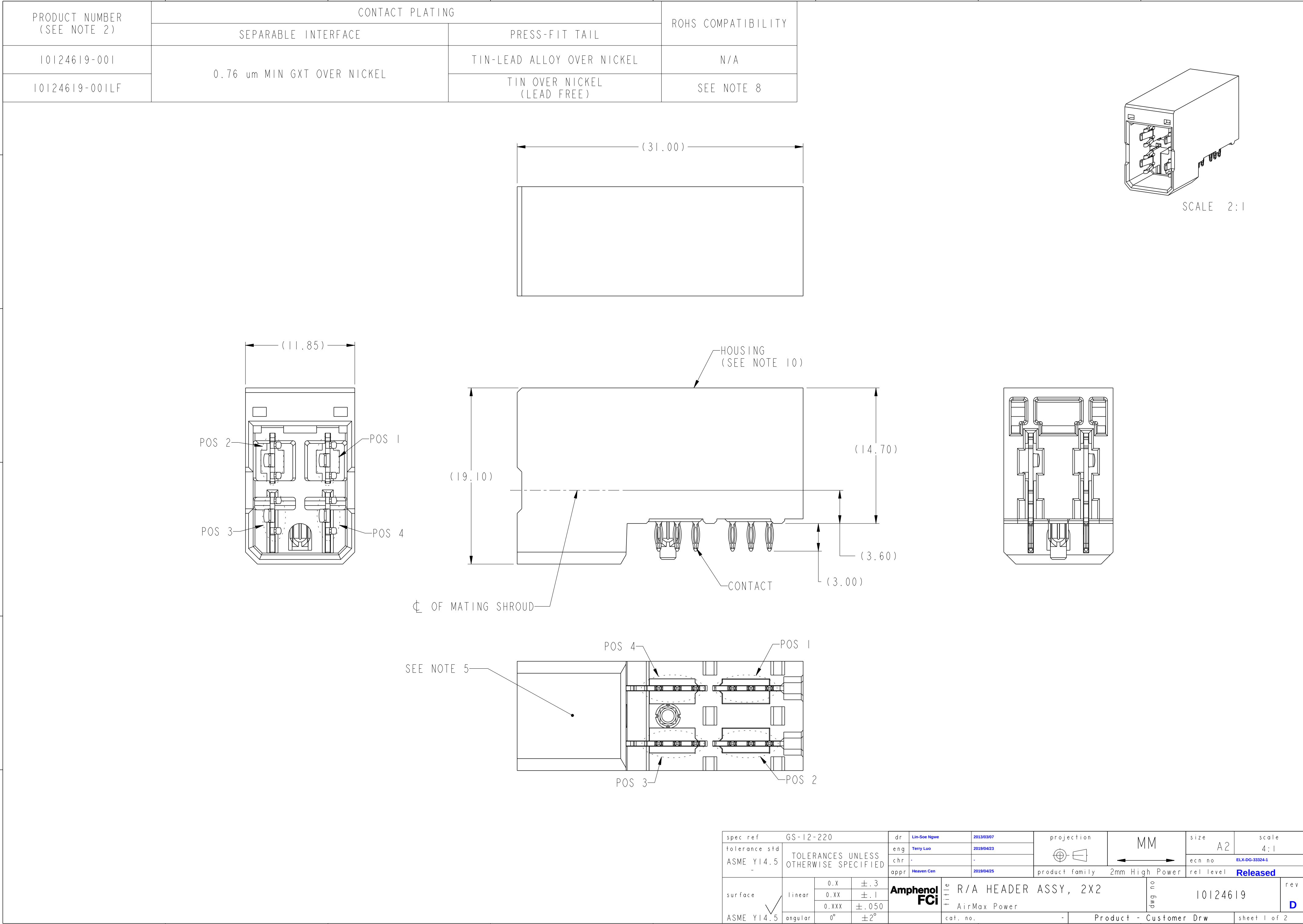




spec ref	GS-12-220	dr	Lin-Soe Ngwe	2013/03/07	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Terry Luo	2019/04/23	chr	-	ecn no	ELX-DG-33324-1	rel level	Released
surface	linear	appr	Heaven Cen	2019/04/25	product family	2mm High Power	cat. no.	-	Product - Customer Drw	sheet 1 of 2
ASME Y14.5	angular	0°	±2°	Amphenol FCi	title	R/A HEADER ASSY, 2X2 AirMax Power	dwg no	10124619	rev	D

I	2	3	4	5	6	7	8																																																																		
A	TOP LAYER DESCRIPTION	TABLE 1 PLATED THROUGH-HOLE REQUIREMENTS							A																																																																
		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:								B																																																																
		C		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 (PRODUCT NUMBER & 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. 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.							C																																																														
		D		RECOMMENDED PCB LAYOUT, COMPONENT SIDE SEE NOTE 6 SCALE 6:1							D																																																														
		E		<table><tr><td>spec ref</td><td>GS-12-220</td><td>dr</td><td>Lin-Soe Ngwe</td><td>2013/03/07</td><td rowspan="4"></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>Terry Luo</td><td>2019/04/23</td><td>ecn no</td><td>ELX-DG-33324-1</td></tr><tr><td></td><td></td><td>chr</td><td>-</td><td>-</td><td>rel level</td><td>Released</td></tr><tr><td></td><td></td><td>appr</td><td>Heaven Cen</td><td>2019/04/25</td><td>product family</td><td>-</td></tr><tr><td>surface</td><td>-</td><td>linear</td><td>0.X ±.3 0.XX ±.1 0.XXX ±.050</td><td rowspan="2"></td><td colspan="2" rowspan="2">title</td><td rowspan="14">R/A HEADER ASSY, 2X2 AirMax Power</td><td rowspan="2">dwg no</td><td rowspan="8">10124619</td><td rowspan="8">rev</td><td rowspan="2">D</td></tr><tr><td>ASME Y14.5</td><td>✓</td><td>angular</td><td>0° ±2°</td></tr><tr><td colspan="2" rowspan="6"></td><td colspan="2" rowspan="6"></td><td>cat. no.</td><td>-</td><td colspan="2" rowspan="12">Product - Customer Drw</td><td colspan="3" rowspan="6">sheet 2 of 2</td></tr></table>											spec ref	GS-12-220	dr	Lin-Soe Ngwe	2013/03/07		projection	MM	size	A2	scale	1:1	tolerance std	ASME Y14.5	eng	Terry Luo	2019/04/23	ecn no	ELX-DG-33324-1			chr	-	-	rel level	Released			appr	Heaven Cen	2019/04/25	product family	-	surface	-	linear	0.X ±.3 0.XX ±.1 0.XXX ±.050		title		R/A HEADER ASSY, 2X2 AirMax Power	dwg no	10124619	rev	D	ASME Y14.5	✓	angular	0° ±2°					cat. no.	-	Product - Customer Drw		sheet 2 of 2	
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F		© 2016 APCI							F																																																																