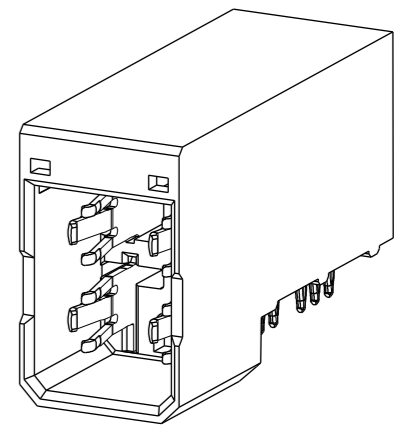
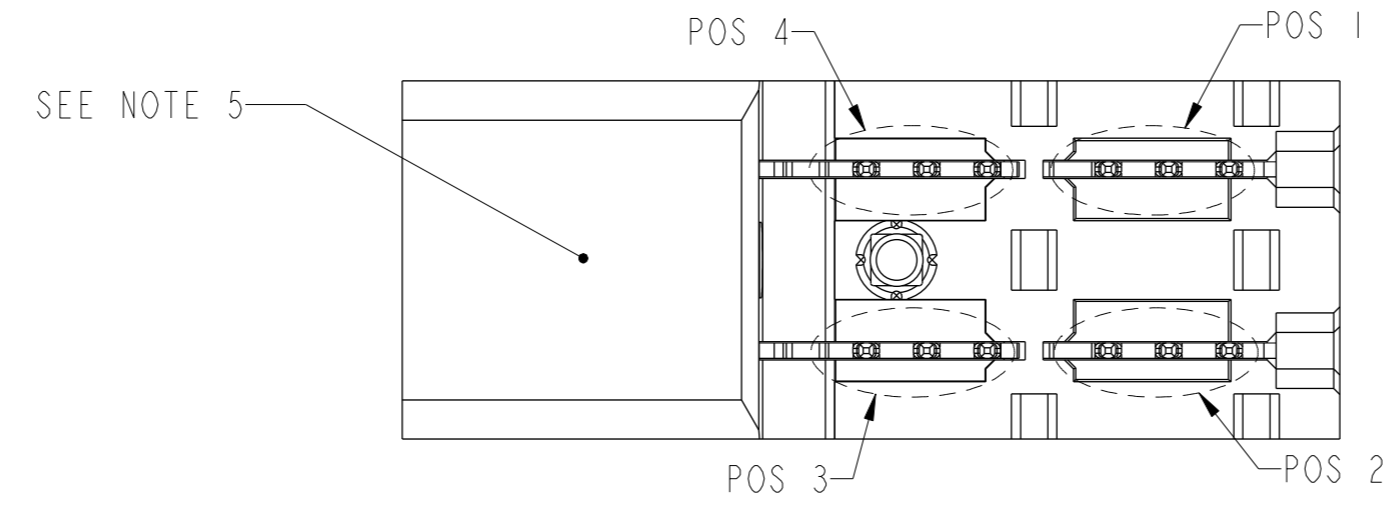
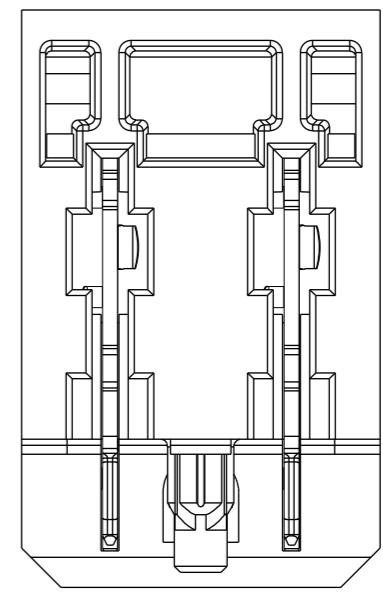
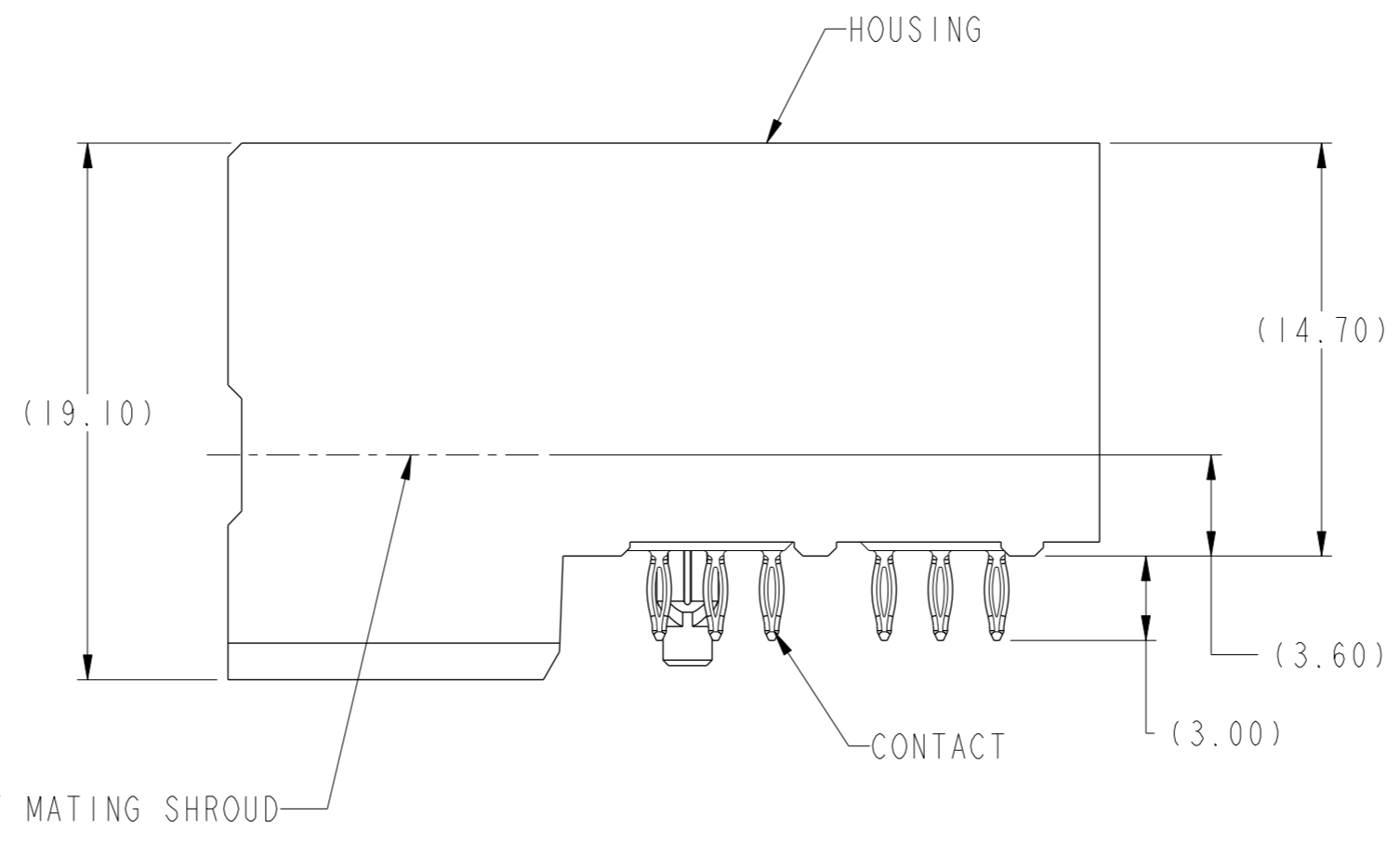
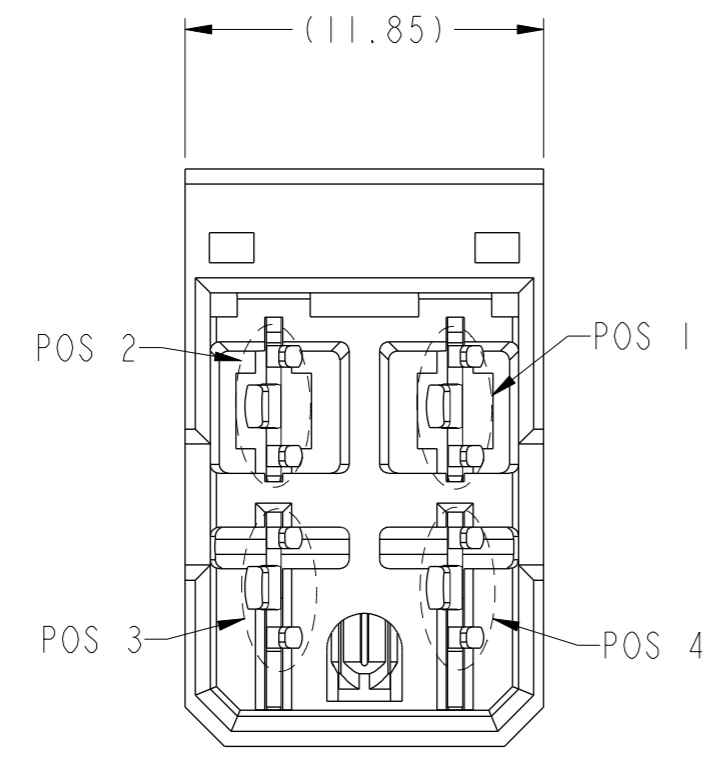
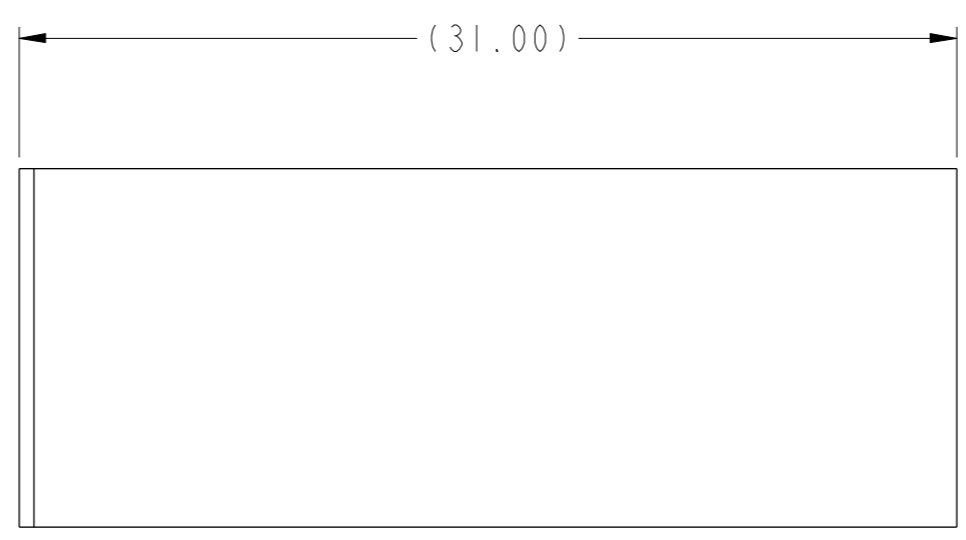


PRODUCT NUMBER (SEE NOTE 2) (SPECIAL FOR SAMTEC)	CONTACT PLATING			ROHS COMPATIBILITY	LASER MARK (SEE NOTE 5)
	SEPARABLE INTERFACE	PRESS-FIT TAIL			
	10137541-001LF	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-220	MATTE TIN OVER NICKEL		SEE NOTE 8



SCALE 2:1



Amphenol
FCi

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spec ref	GS-12-220	dr	Tao Zhan	2015/11/10	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Jackie Chen	2016/07/01			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	app						
surface	linear	0.X	±.3		Amphenol FCI		R/A HEADER ASSY 2X2		dwg no 10137541	rev A
		0.XX	±.1		AIRMAX POWER					
	angular	0°	±2°		cat. no.	-	Product - Customer Drw	sheet 1 of 2		

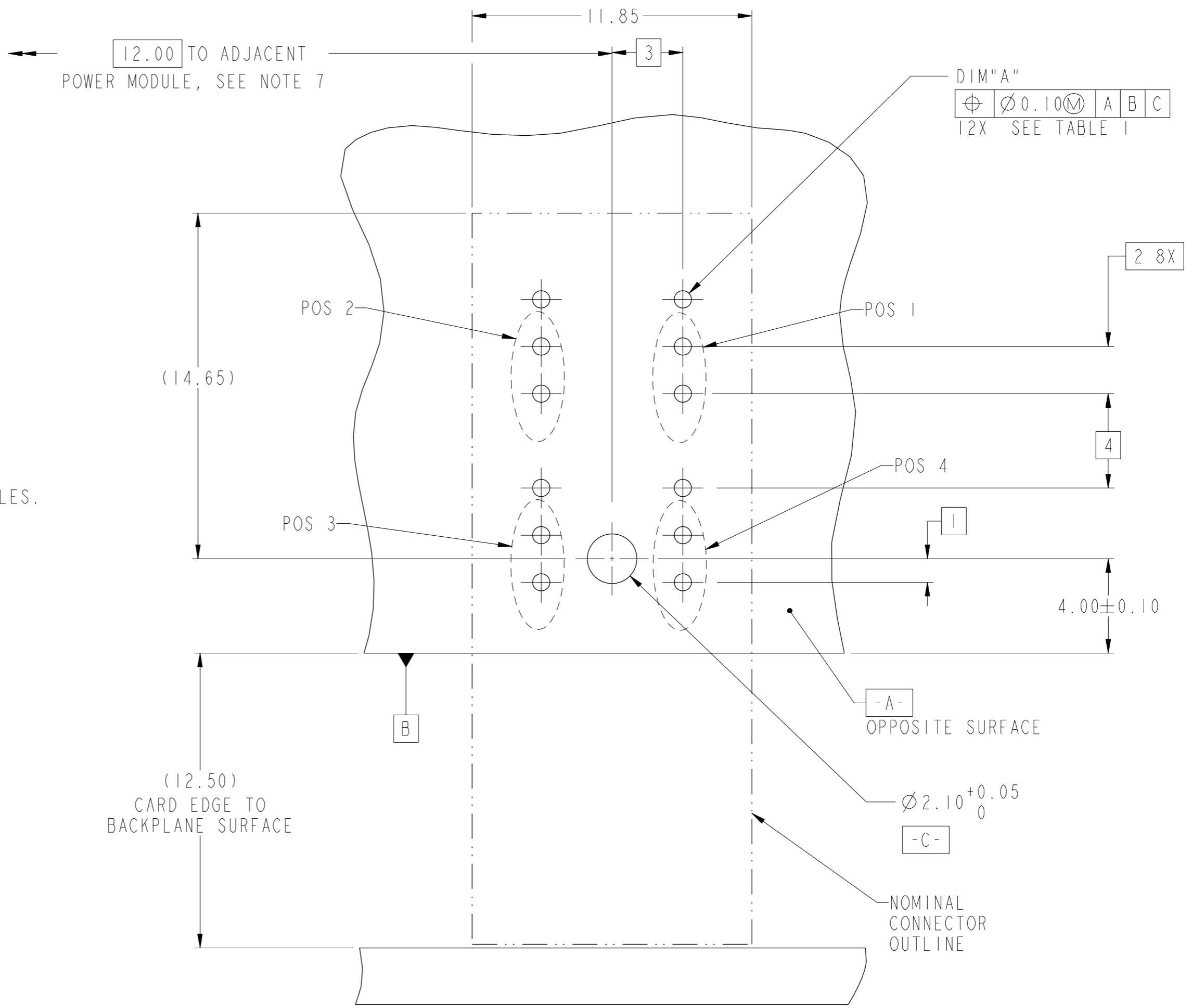
PDS: Rev :A

STATUS:Released

Printed: Jul 01, 2016

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

- NOTES:
- CONNECTOR MATERIALS:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK
UL 94V-0 COMPLIANT
CONTACT: HIGH PERFORMANCE COPPER ALLOY
 - "LF" SUFFIX DENOTES "LEAD-FREE"
 - PRODUCT SPECIFICATION: GS-12-220
 - APPLICATION SPECIFICATION: GS-20-023
 - PRODUCT MARKING (LASER MARK & LOT CODE) ON HOUSING.
 - MINIMUM NOMINAL PCB THICKNESS: 1.6mm
 - REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO SIGNAL MODULES.
 - PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN FCI SPECIFICATION GS-22-008.
 - PACKAGING MEETS FCI SPECIFICATION GS-14-920.
 - A \triangle SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION
 - 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

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	chr	-	ecn no	-	rel level	Released
surface	linear	0.X	±.3	Amphenol FCI	title	R/A HEADER ASSY 2X2	dwg no	10137541	rev	A
ASME Y14.5	angular	0°	±2°	Amphenol FCI	title	AIRMAX POWER	cat. no.	-	Product - Customer Drw	sheet 2 of 2

Amphenol FCI

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