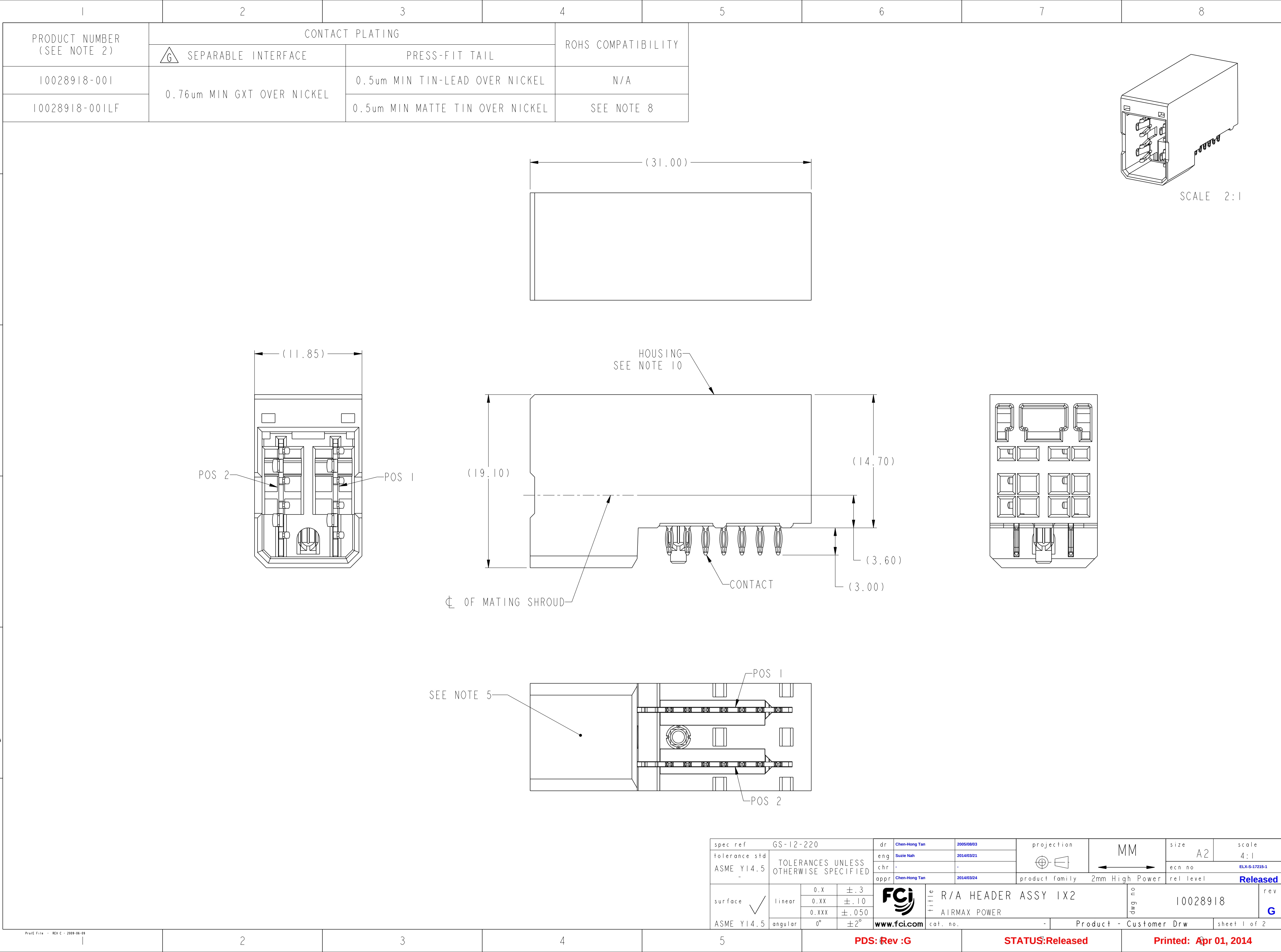
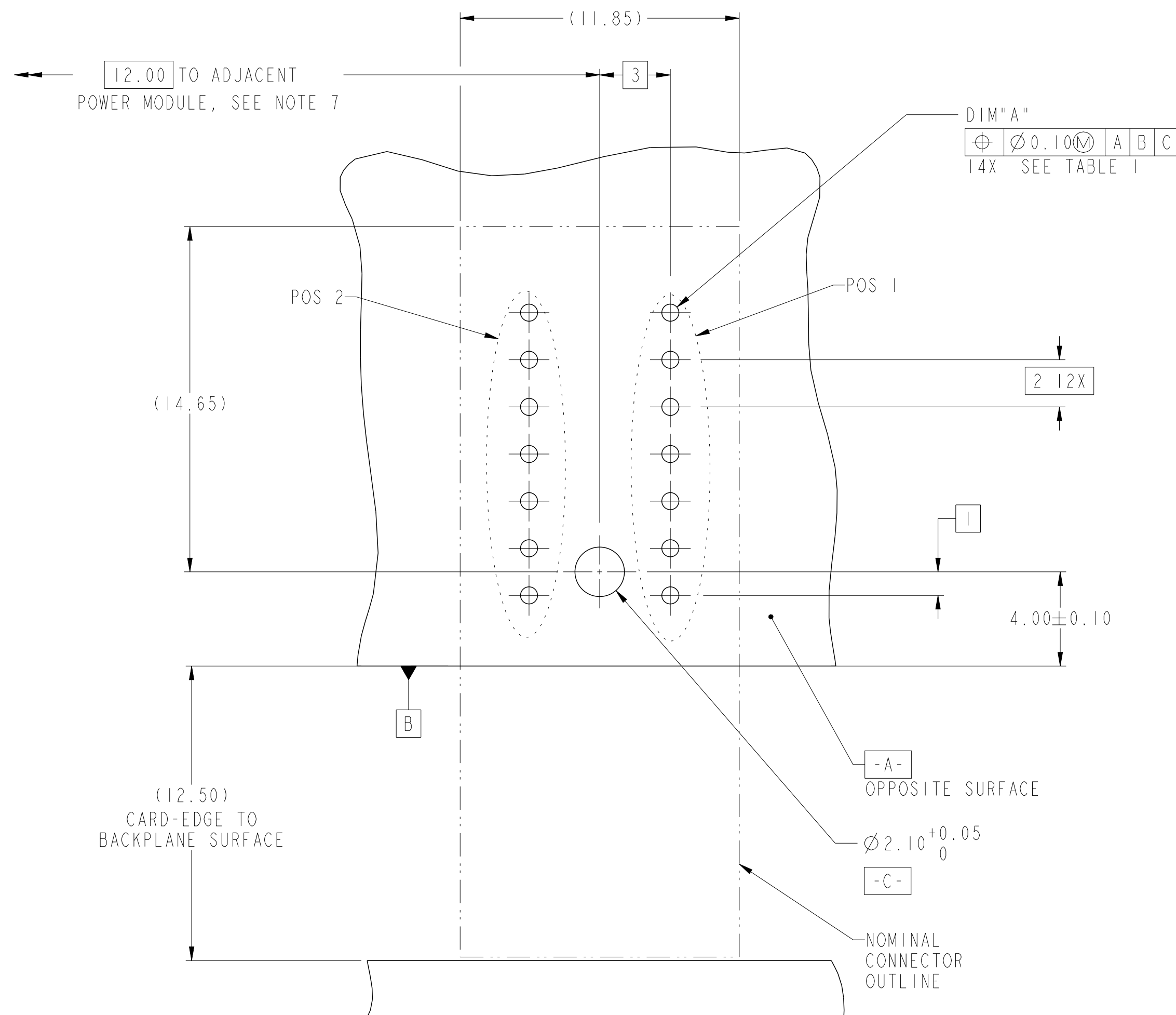




1	2	3	4	5	6	7	8	
TOP LAYER DESCRIPTION	TABLE 1 PLATED THROUGH-HOLE REQUIREMENTS							
	DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	NICKEL THICKNESS	GOLD THICKNESS	TIN THICKNESS	SILVER THICKNESS	FINISHED HOLE DIAMETER (DIM"A")
TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	--	--	--	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:

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 SKI0035911 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  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION



RECOMMENDED PCB LAYOUT,
COMPONENT SIDE
SEE NOTE 6
SCALE 6:1

spec ref		GS-12-220		dr		Chen-Hong Tan		2005/08/03		projection		MM		size		A2		scale		1:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Suzie Nah		2014/03/21						ecn no		ELX-S-17215-1		Released					
ASME Y14.5				chr		-		-															
				appr		Chen-Hong Tan		2014/03/24		product family		-		rel level									
surface				linear				Title		R/A HEADER ASSY 1X2		dwg no		10028918		rev		G					
																				0.X		±.3	
																				0.XX		±.10	
ASME Y14.5		angular		0°		±.050																	
				www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 2											