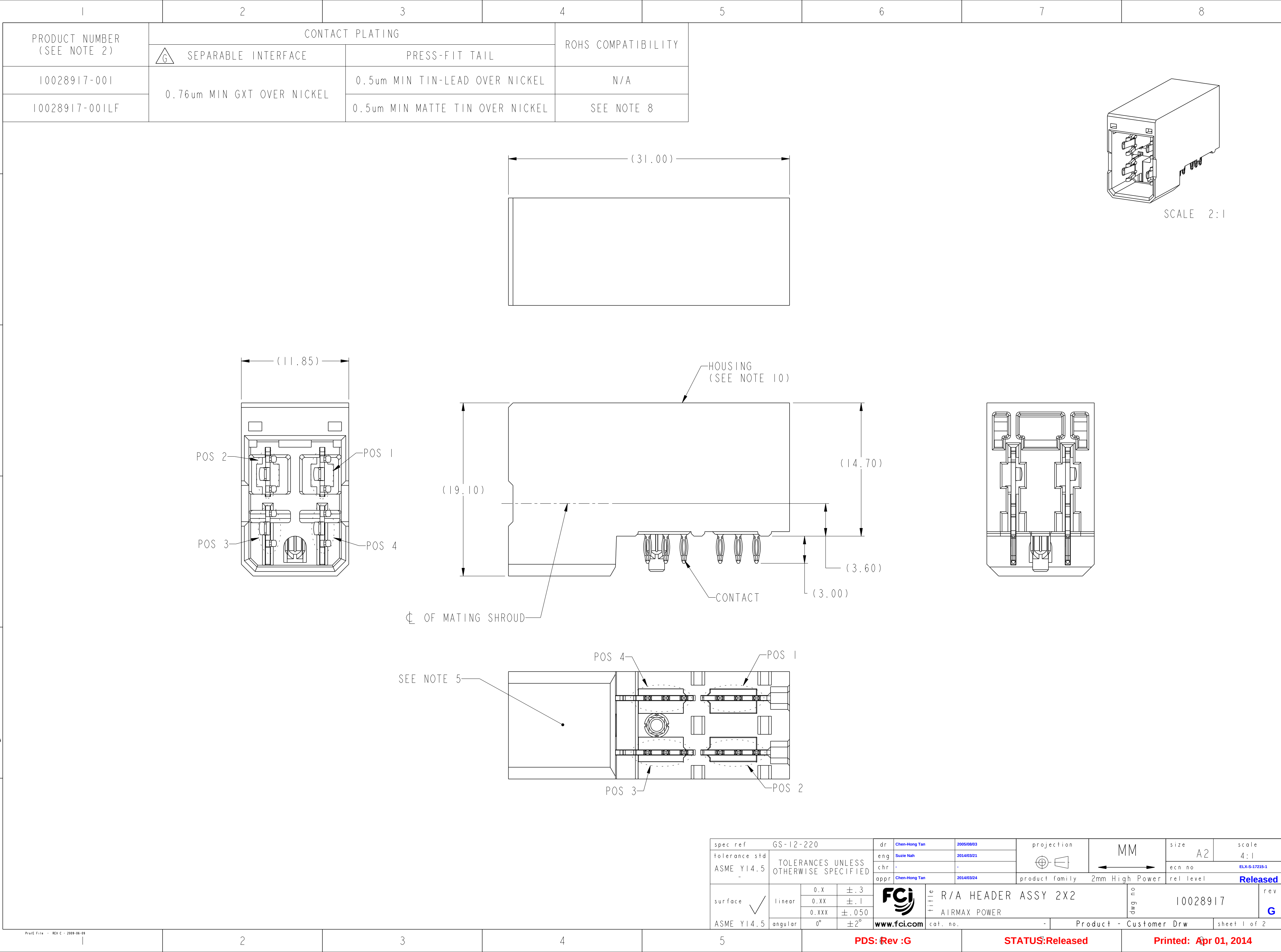




spec ref	GS-12-220	dr	Chen-Hong Tan	2005/08/03	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Suzie Nah	2014/03/21	chr	-	ecn no	ELX-S-17215-1	rel level	Released
surface	✓	appr	Chen-Hong Tan	2014/03/24	product family	2mm High Power	cat. no.	-	Product - Customer Drw	sheet 1 of 2
linear	0.X ±.3 0.XX ±.1 0.XXX ±.050	title	R/A HEADER ASSY 2X2 AIRMAX POWER	dwg no	10028917	rev	G			
angular	0° ±2°	www.fci.com								

I	2	3	4	5	6	7	8	
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:

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.

12.

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

← 12.00 TO ADJACENT POWER MODULE, SEE NOTE 7

11.85

3

DIM"A"

Ø0.10Ⓜ
A B C
12X SEE TABLE I

2 8X

POS 2

POS 1

(14.65)

POS 3

POS 4

4

4.00±0.10

-A-

OPPOSITE SURFACE

Ø2.10^{+0.05}₀

-C-

NOMINAL CONNECTOR OUTLINE

B

(12.50)
CARD EDGE TO BACKPLANE SURFACE

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	ASME Y14.5	eng	Suzie Nah	2014/03/21	ecn no			ELX-S-17215-1			
		chr	-	-	rel level			Released			
		appr	Chen-Hong Tan	2014/03/24	product family			-			
surface	✓	linear	0.X	±.3		R/A HEADER ASSY 2X2 + AIRMAX POWER	dwg no	10028917	rev	G	
			0.XX	±.1							
			0.XXX	±.050							
ASME Y14.5	angular		0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 2 of 2		

PDS: Rev :GSTATUS:ReleasedPrinted: Apr 01, 2014

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