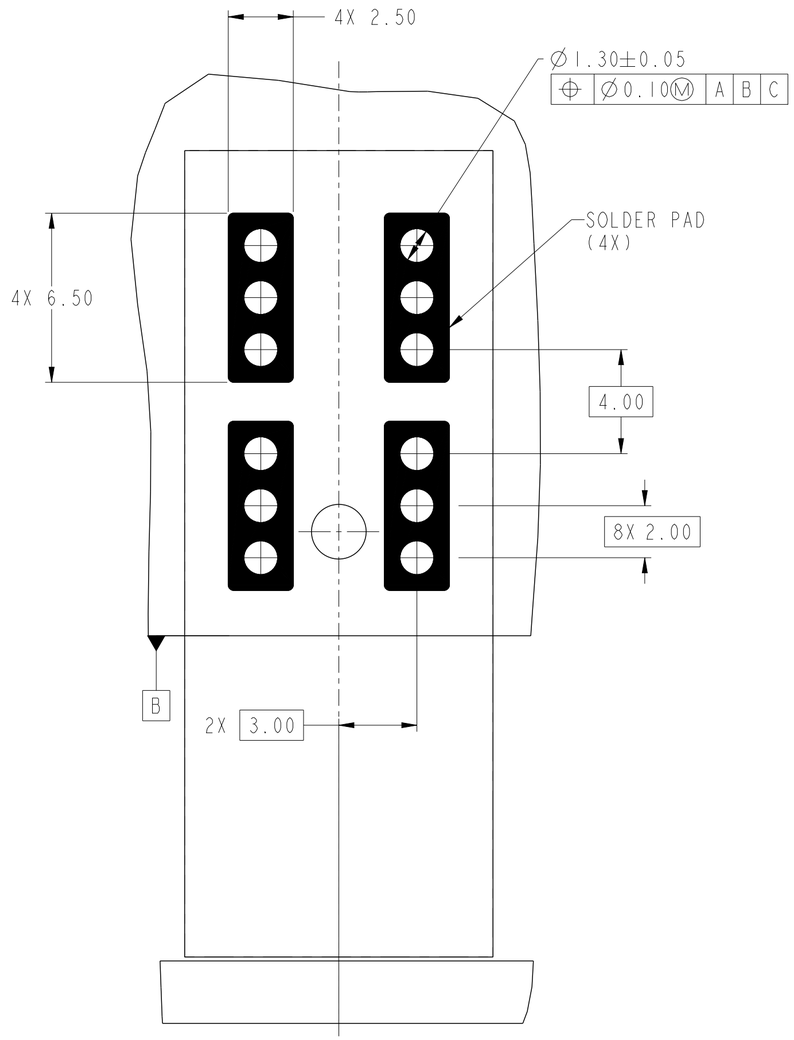
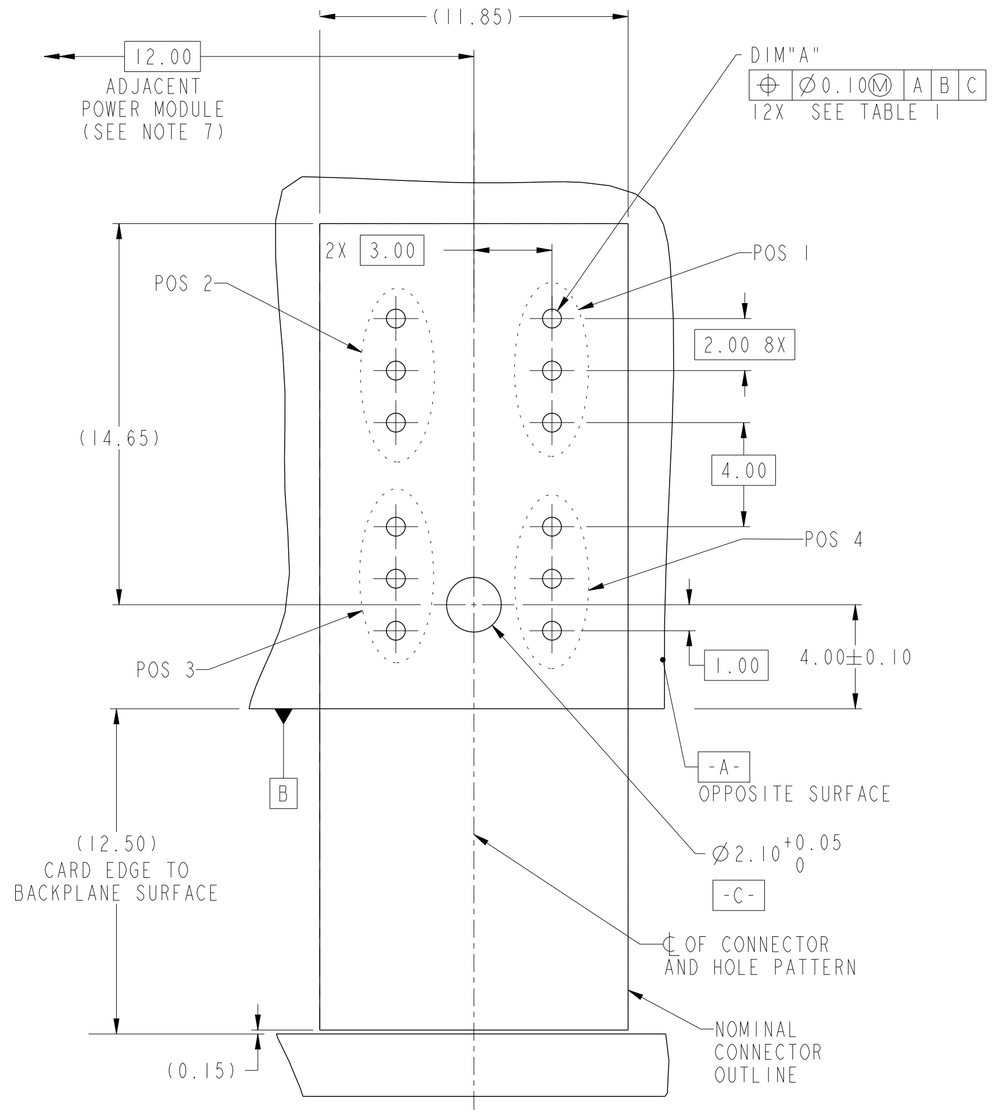
TOP LAYER DESCRIPTION	TABLE I FOR PRESS FIT PLATED THROUGH-HOLE REQUIREMENTS							
	DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	NICKEL THICKNESS	GOLD THICKNESS	TIN THICKNESS	SILVER THICKNESS	FINISHED HOLE DIAMETER (DIM"A")
TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	--	--	--	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



RECOMMENDED PCB LAYOUT,
COMPONENT SIDE FOR Solder Tail
SCALE 6:1
(Stencil Thickness : 0.15mm)

The other Features are same with Press-Fit Application



RECOMMENDED PCB LAYOUT,
COMPONENT SIDE FOR Press-Fit
SCALE 6:1

spec ref GS-12-220		dr Chen-Hong Tan 2007/01/09	projection	MM	size A2	scale 4:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng Art Lin 2017/06/29			ecn no ELX-DG-27348-1	
		chr Tian-Zhao Lin 2017/07/07			rel level Released	
		appr Heaven Cen 2017/07/07	product family -			
surface - ASME Y14.5	linear 0.X ±0.3; 0.XX ±0.10; 0.XXX ±0.050; angular 0° ±2°	Amphenol FCi	title R/A HEADER ASSY 2X2 AIRMAX POWER 11.5MM HEIGHT	dwg no 10073379		rev G
			cat. no. -	Product - Customer Drw		sheet 2 of 3

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NOTES:

1. CONNECTOR MATERIALS:

   HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK
   UL 94V-0 COMPLIANT
   CONTACT: HIGH PERFORMANCE COPPER ALLOY

2. CONTACT PLATING:

   PRESS-FIT TAIL: 0.5um MIN MATT TIN OVER NICKEL.

   SEPARABLE INTERFACE: 0.76um MIN GXT OVER NICKEL

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 1003591I 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

spec ref	GS-12-220			dr	Chen-Hong Tan	2007/01/09	projection	MM	size A2 / scale 4:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Art Lin	2017/06/29			ecn no ELX-DG-27348-1
				chr	Tian-Zhao Lin	2017/07/07			
				appr	Heaven Cen	2017/07/07	product family -		rel level **Released**
surface - ASME Y14.5	linear	0.X	±0.3	Amphenol FCi	title	R/A HEADER ASSY 2X2 AIRMAX POWER 11.5MM HEIGHT	dwg no	10073379	rev G
		0.XX	±0.10						
		0.XXX	±0.050						
	angular	0°	±2°		cat. no. -		Product - Customer Drw		sheet 3 of 3

Amphenol FCi
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