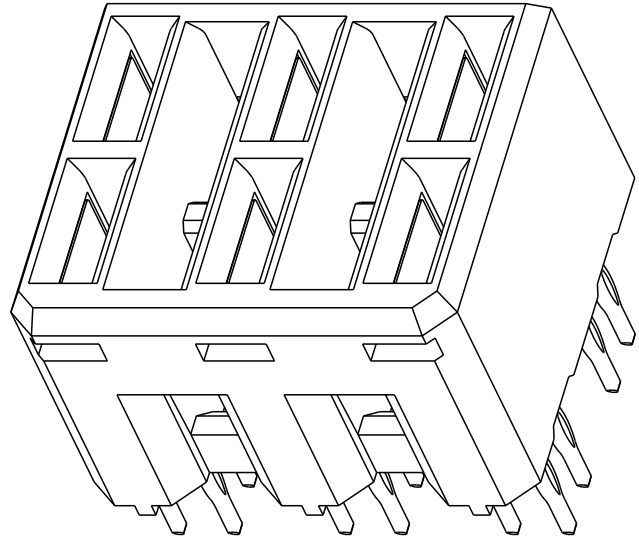
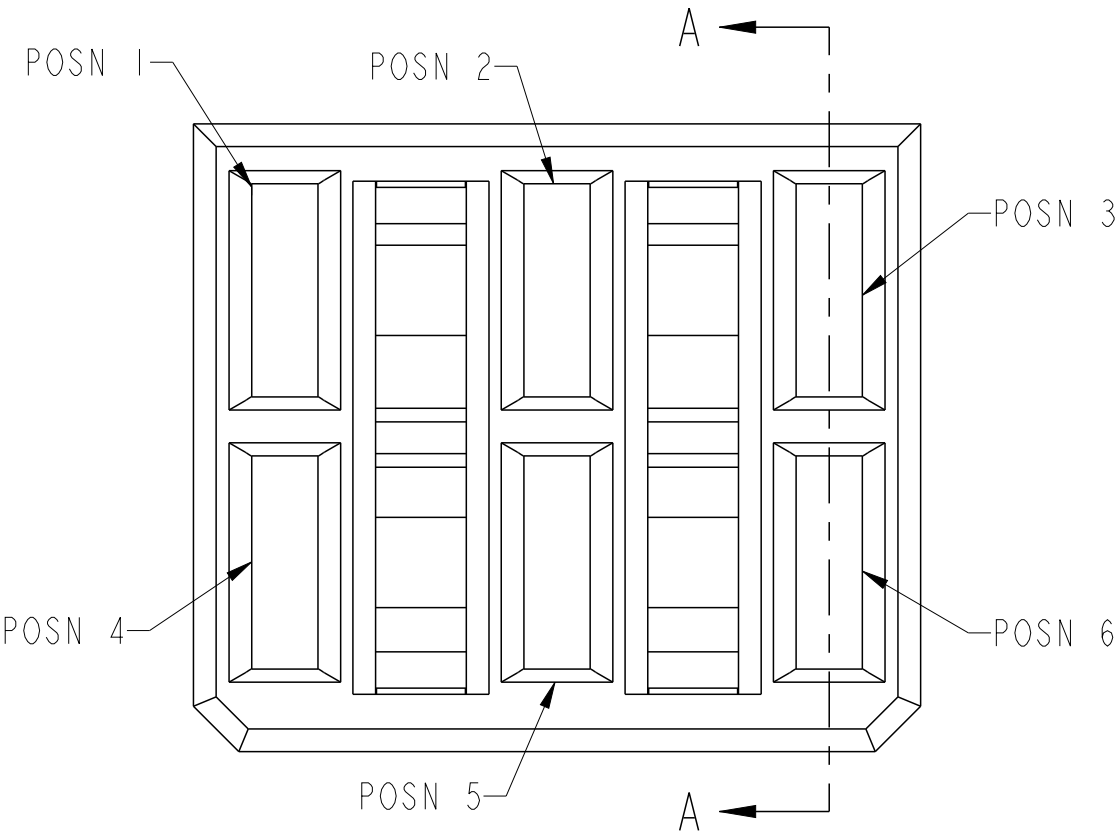
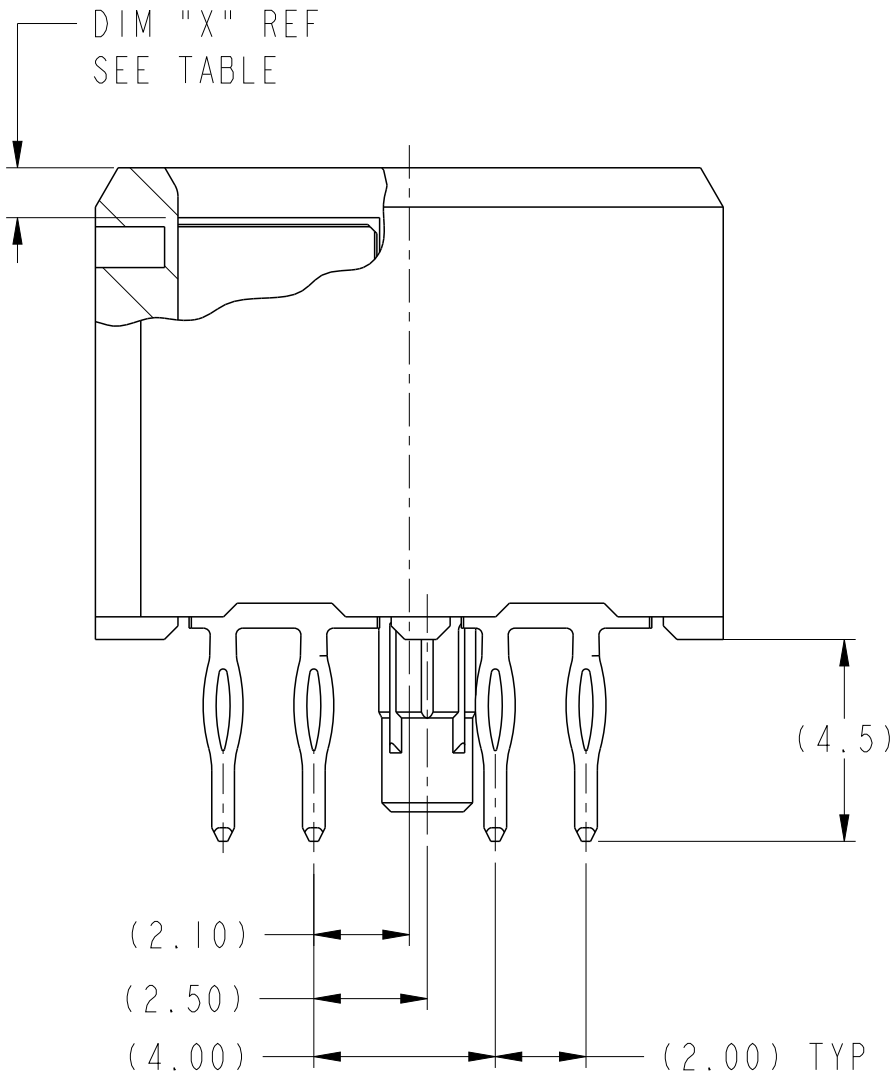
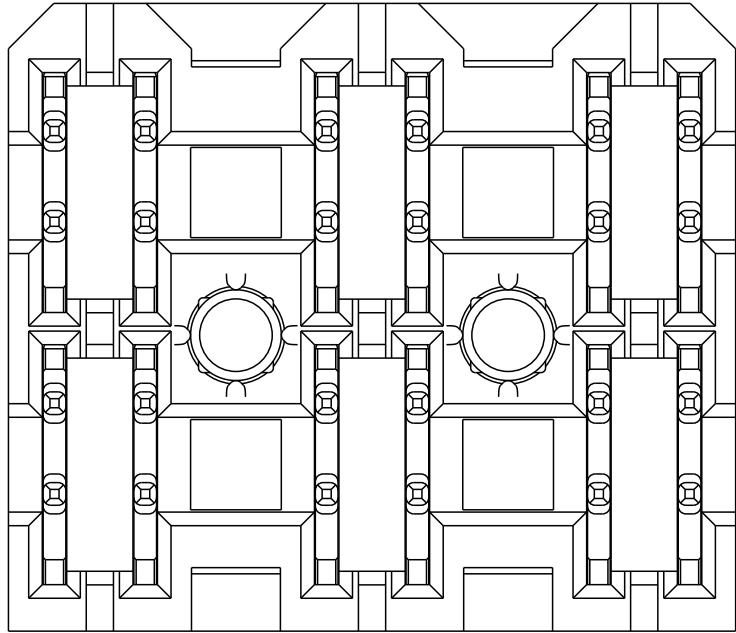
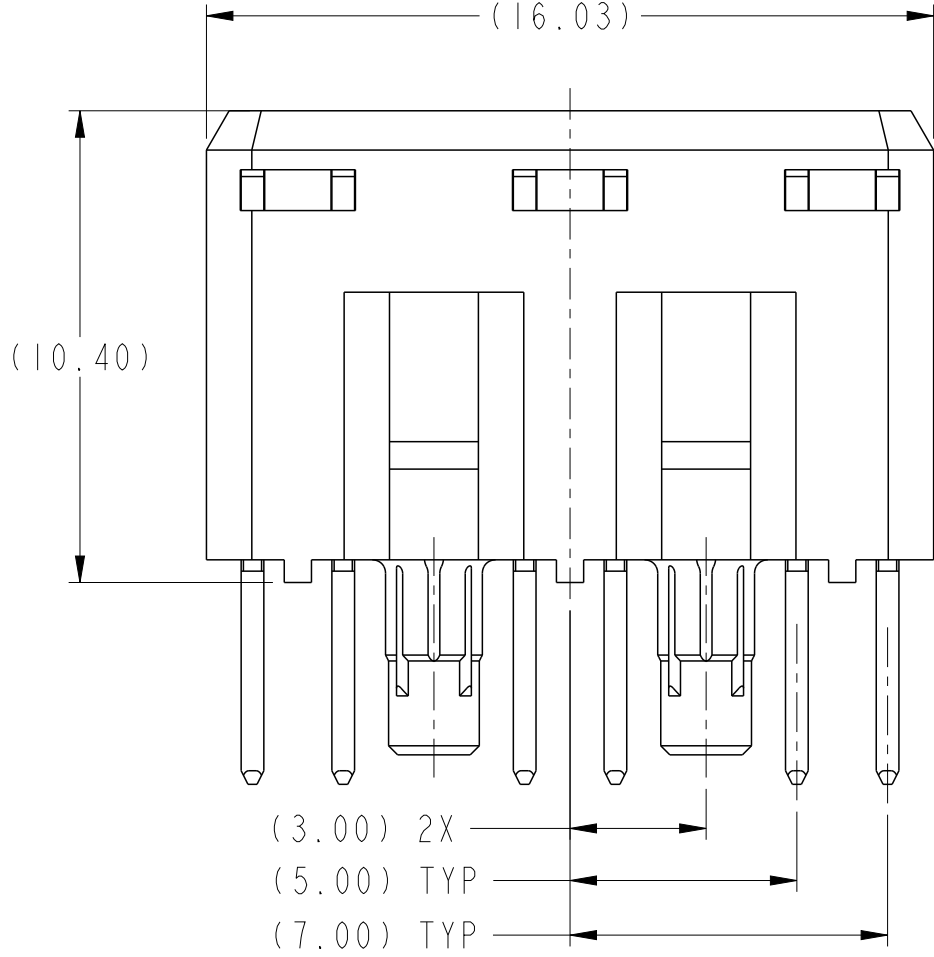
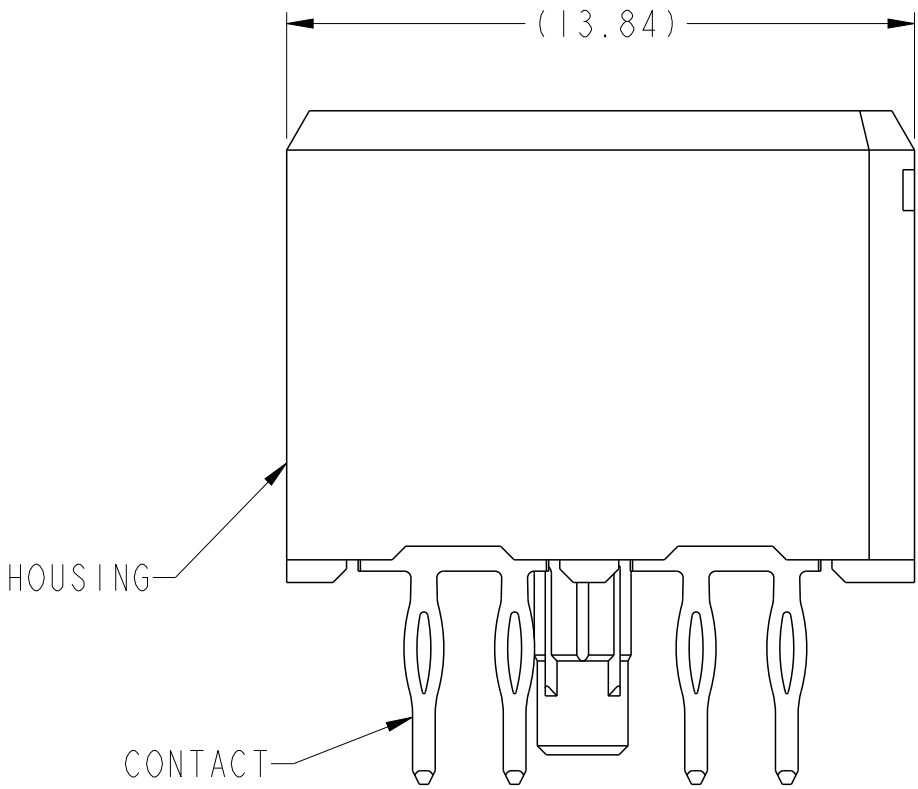
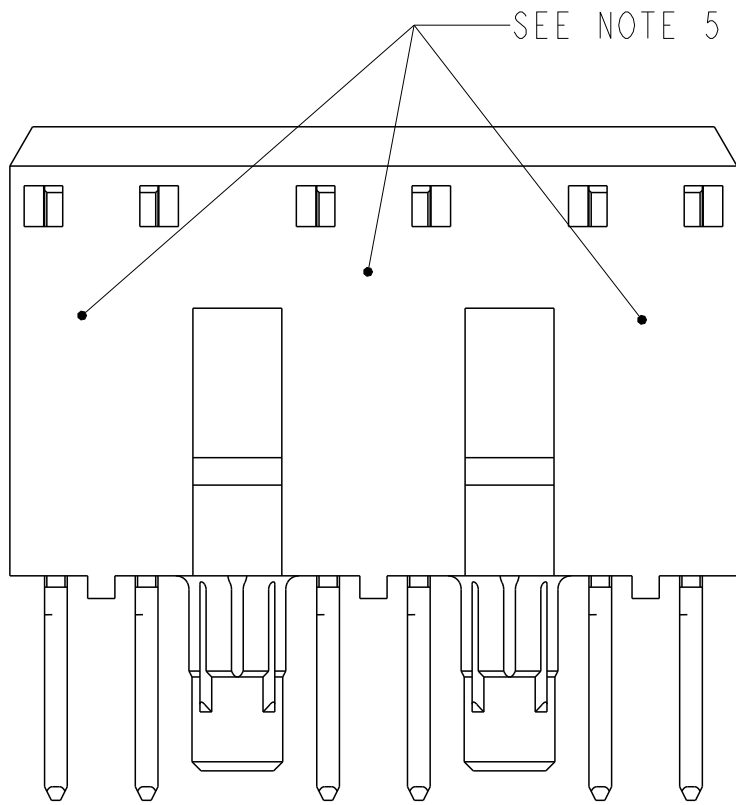


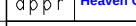
PRODUCT NUMBER	PLATING NOTE	MATING LENGTH, DIM "X"				POSN 5	POSN 6
		POSN 1	POSN 2	POSN 3	POSN 4		
10061290-555444PLF	NOTE 2	2.60	2.60	2.60	1.10	1.10	1.10
10061290-545555PLF	NOTE 2	2.60	1.10	2.60	2.60	2.60	2.60
10061290-554554PLF	NOTE 2	2.60	2.60	1.10	2.60	2.60	1.10
10061290-555445PLF	NOTE 2	2.60	2.60	2.60	1.10	1.10	2.60
10061290-554555PLF	NOTE 2	2.60	2.60	1.10	2.60	2.60	2.60
10061290-444545PLF	NOTE 2	1.10	1.10	1.10	2.60	1.10	2.60



SCALE 4:1



SECTION A-A

spec ref				GS-12-220				dr		Chen-Hong Tan		2006/06/21		projection		MM		size		A2		scale		6:1			
tolerance std				TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Terry Luo		2017/09/07						ecn no		ELX-DG-27905-1							
ASME Y14.5								chr		-																	
-								appr		Heaven Cen		2017/09/11															
								product family				2mm High Power				rel level		Released									
surface		- 		linear		0.X		±0.3				title		2X3 VERTICAL RECEPTACLE ASSY						dwg no		10061290				rev	
						0.XX		±0.10																			
						0.XXX		±0.050																			
ASME Y14.5				angular		0°		±2°				cat. no.		-		Product - Customer Drw						sheet 1 of 2					

B

C

D

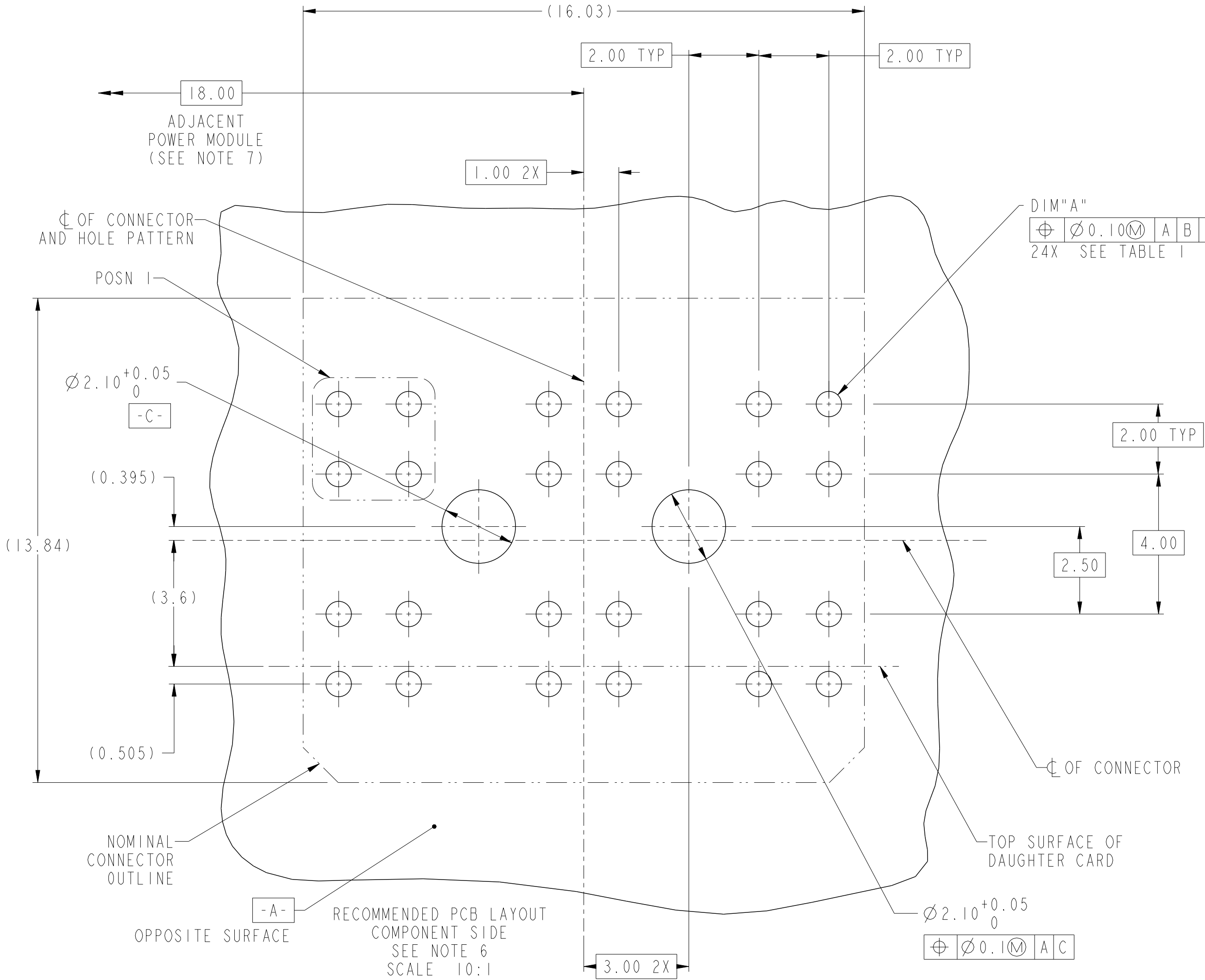
E

F

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. CONTACT PLATING:
PRESS-FIT TAIL: 0.5 - 1.5um 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 IN AREA SHOWN, EITHER SIDE.
6. MINIMUM NOMINAL BOARD THICKNESS: 2.4mm
7. REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO AIRMAX 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° PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR-PHASE REFLOW OVEN.
11. COPPER PLATING THICKNESS AT CENTER OF VIA HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.



spec ref		GS-12-220		dr		Chen-Hong Tan		2006/06/21		projection		MM		size		A2		scale		10:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Terry Luo		2017/09/07						ecn no		ELX-DG-27905-1		rel level		Released	
chr				-																	
appr				Heaven Cen		2017/09/11		product family													
surface		linear		Amphenol FCi		title		2X3 VERTICAL RECEPTACLE ASSY		dwg no		10061290		rev		J					
		0.X																±0.3			
		0.XX																±0.10			
ASME Y14.5		angular				0.XXX		±0.050													
		0°				±2°															
						cat. no.		-				Product - Customer Drw								sheet 2 of 2	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[10061290-555444PLF](#) [10061290-554555PLF](#) [10061290-545555PLF](#) [10061290-554554PLF](#) [10061290-555445PLF](#)
[10061290-444545PLF](#)