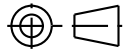


I	2	3	4	5	6	7	8																									
TOP LAYER DESCRIPTION		TABLE I PLATED THROUGH-HOLE REQUIREMENTS																														
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	NICKEL THICKNESS	GOLD THICKNESS	TIN THICKNESS	SILVER THICKNESS	FINISHED HOLE DIAMETER (DIM"A")																							
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 10)	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. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS. 11. 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 1 2 8X POS 2 POS 1 POS 4 POS 3 1 4.00±0.10 -A- OPPOSITE SURFACE Ø2.10^{+0.05}₀ -C- NOMINAL CONNECTOR OUTLINE (14.65) (12.50) CARD EDGE TO BACKPLANE SURFACE B RECOMMENDED PCB LAYOUT, COMPONENT SIDE SEE NOTE 6 SCALE 6:1																																
										spec ref		GS-12-220			dr		Tao Zhan		2015/12/14		projection		MM		size		A2		scale		1:1	
												tolerance std ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Jackie Chen		2016/05/19				ecn no		rel level		Released			
																	chr		-													
																	appr		Pei-Ming Zheng		2016/05/19											
										surface		linear		0.X		±.3		Amphenol FCI		R/A HEADER ASSY 2X2 AIRMAX POWER		cat. no.		Product - Customer Drw		sheet 2 of 2						
												0.XX		±.1																		
												0.XXX		±.050																		
										ASME Y14.5		angular		0°		±2°																

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PDS:Rev :A

STATUS:Released

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