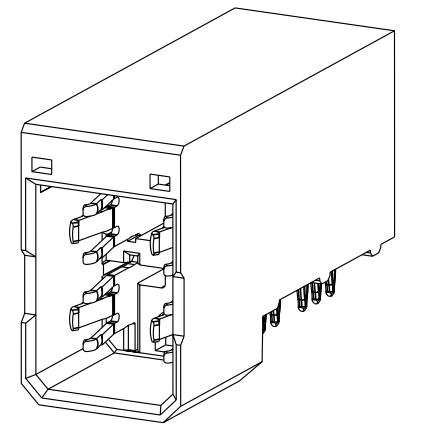
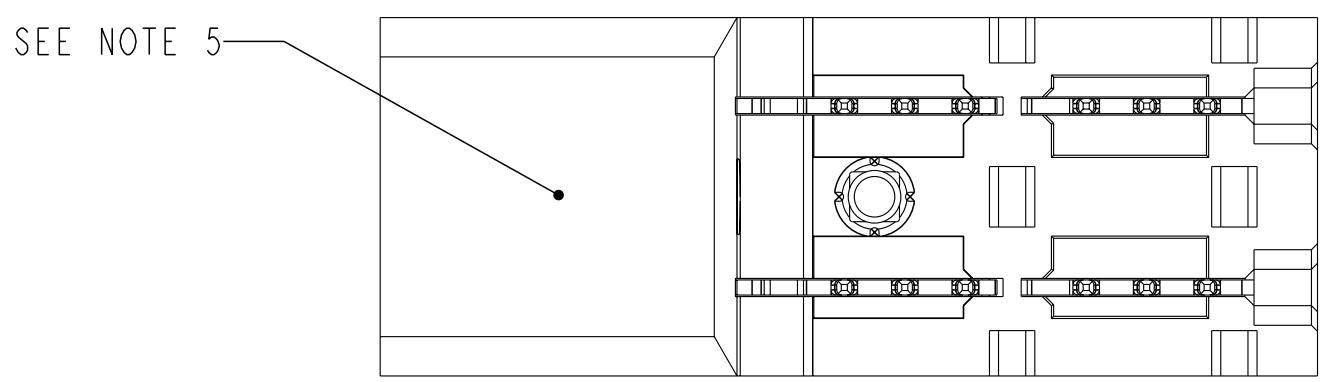
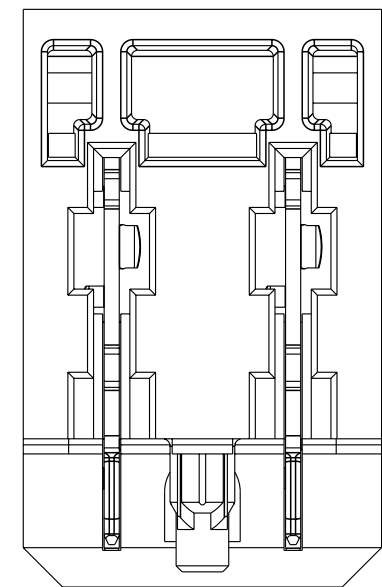
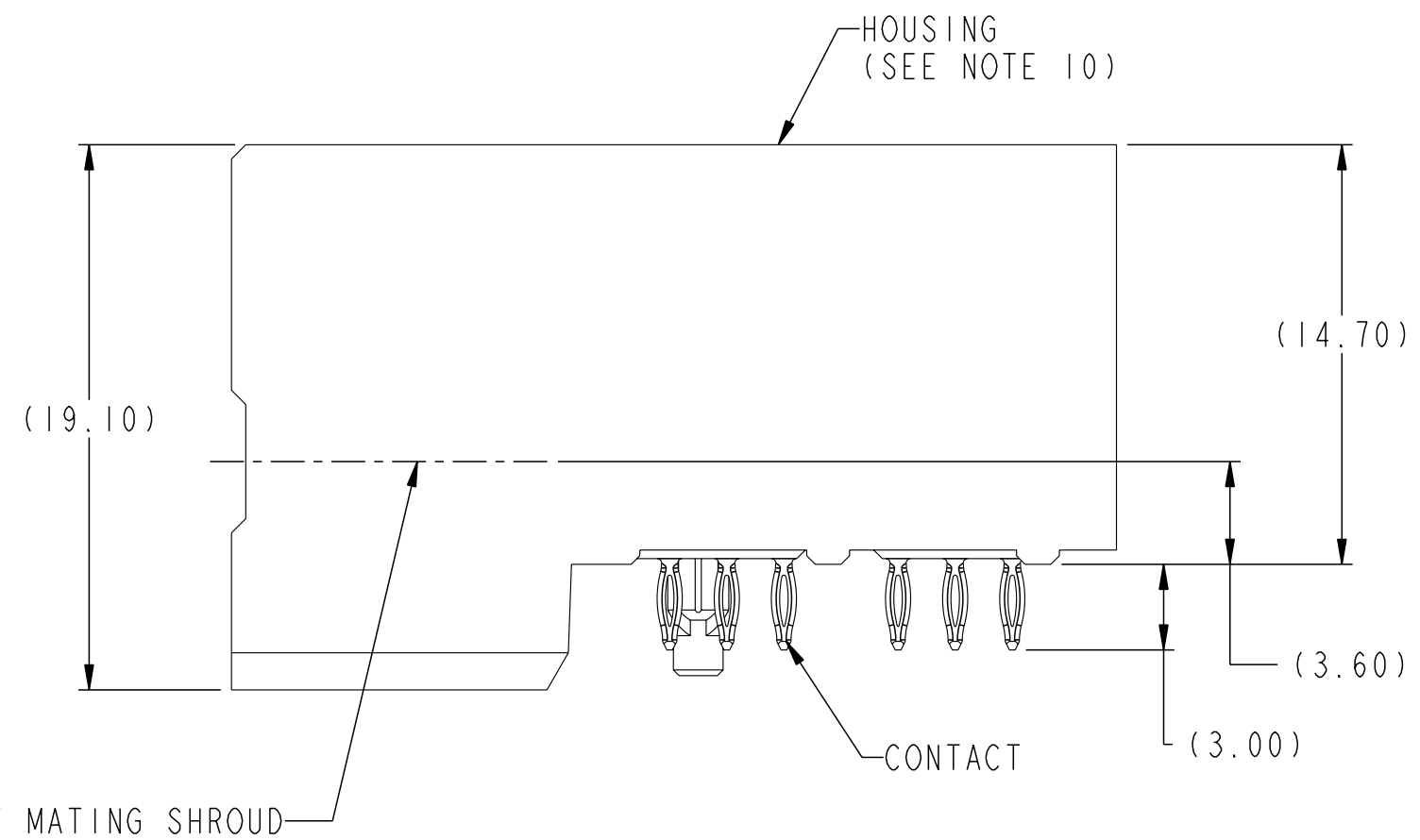
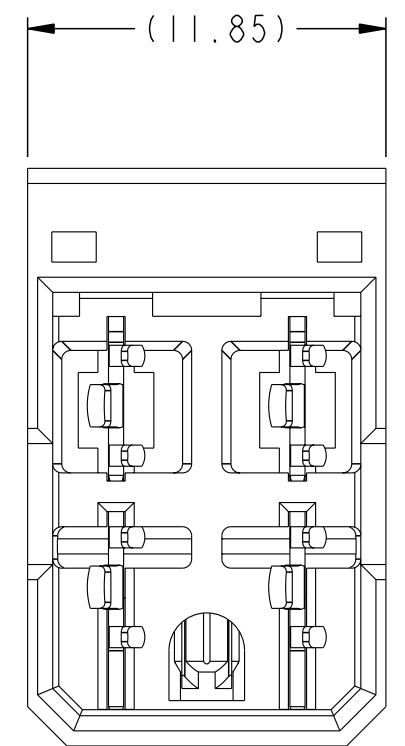
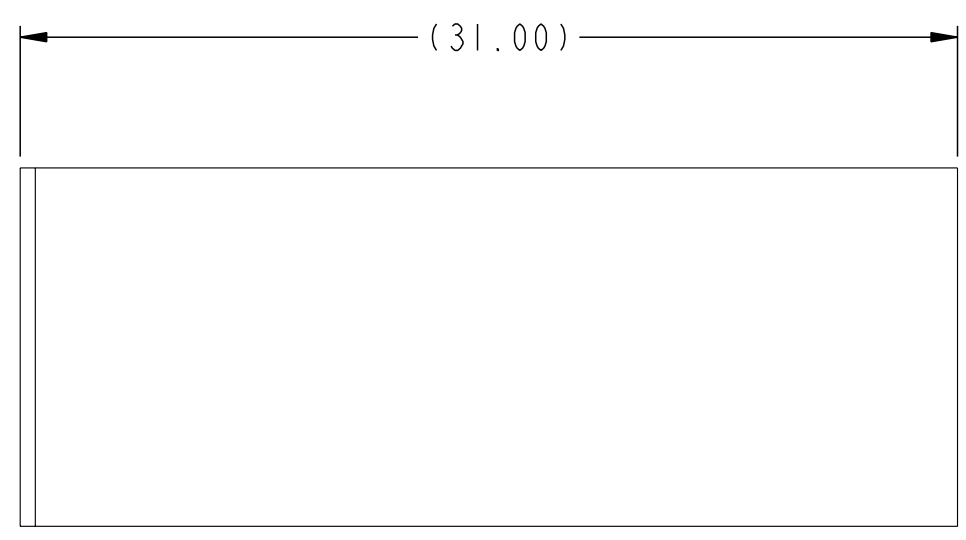


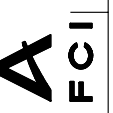
PRODUCT NUMBER (SEE NOTE 2)	CONTACT PLATING		ROHS COMPATIBILITY
	SEPARABLE INTERFACE	PRESS-FIT TAIL	
10028917-001	0.76um MIN GOLD OVER NICKEL	0.5um MIN TIN-LEAD OVER NICKEL	N/A
10028917-001LF		0.5um MIN MATTE TIN OVER NICKEL	SEE NOTE 8



SCALE 2:1



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<b>FCI</b> www.fciconnect.com		tolerance ASME Y14.5	projection ASME Y14.5	MM
Dr	W. J. SWAIN	05-23-2003	Product family	2mm High Power
Eng	W. J. SWAIN	05-23-2003	Spec ref	GS-12-220
Chr	C. H. TAN	10-26-2005	Material	SEE NOTES
Appr	JOEY NG	10-26-2005	ECN	V04-0150
title	HEADER ASSEMBLY, 2X2, POWER		size	A2
catalog no	-		Scale	4:1
dwg no	10028917		Rev.	C
CUSTOMER			sheet 1 of 2	

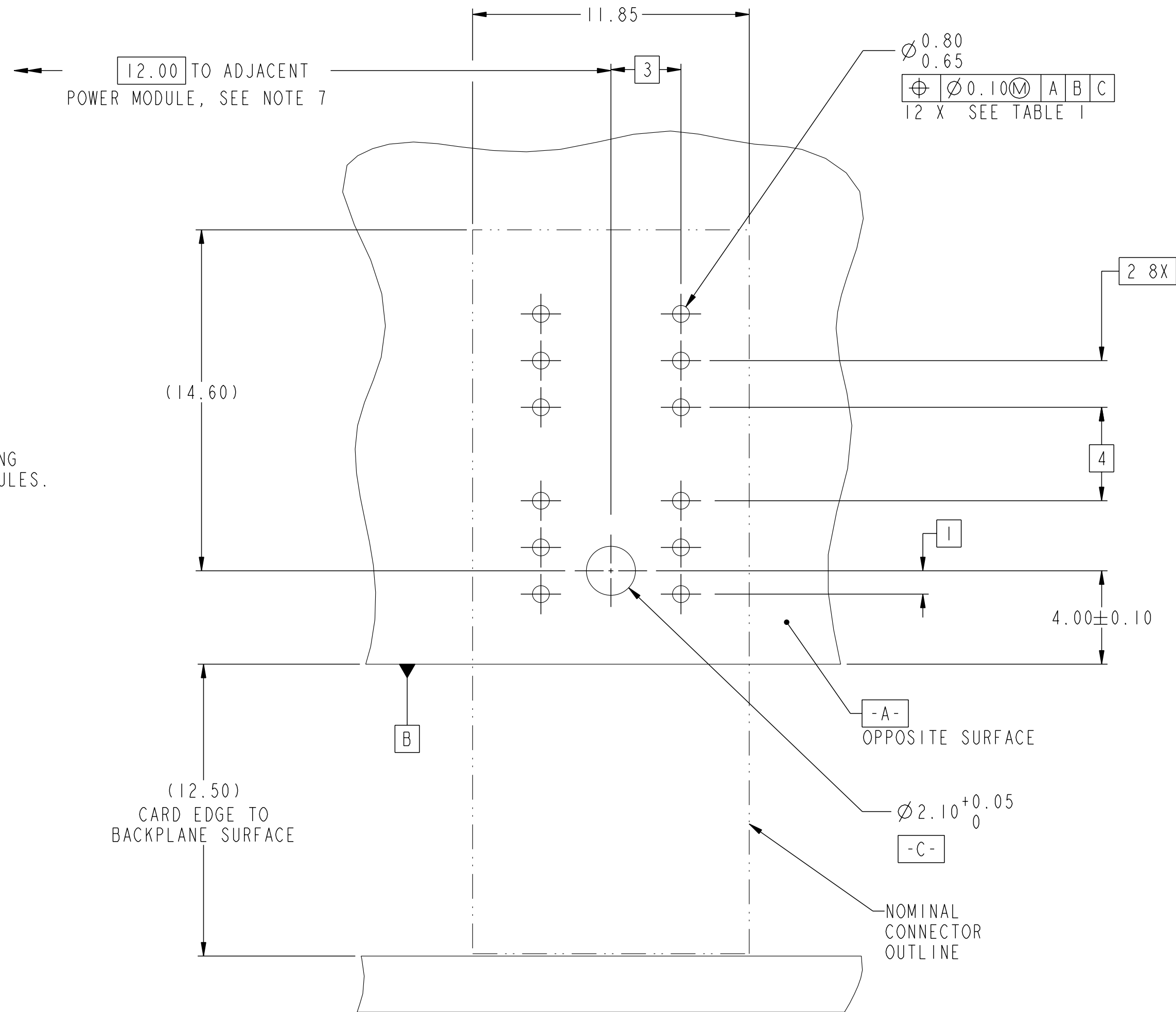
rev	ecn no	dr	date
A	V04-0697	WJS	07-07-04
B	V05-0150	WJS	02-10-05
C	S05-0301	WJS	10-24-05

TOLERANCE UNLESS OTHERWISE SPECIFIED			
LINEAR	0.X	±.3	-
	0.XX	±.10	-
	0.XXX	±.050	-
ANGULAR	0°	±2°	-

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
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 SK10035911 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.



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

title	HEADER ASSEMBLY, 2X2, POWER	dwg no	10028917	Rev.	C
catalog no	-	CUSTOMER	sheet 2 of 2		