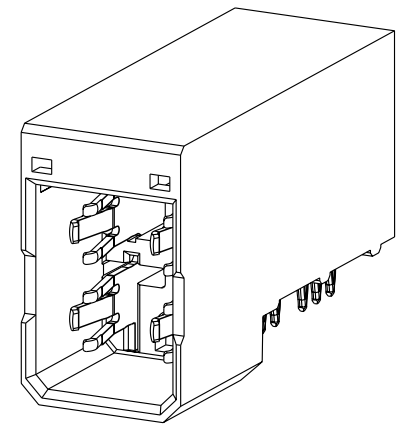
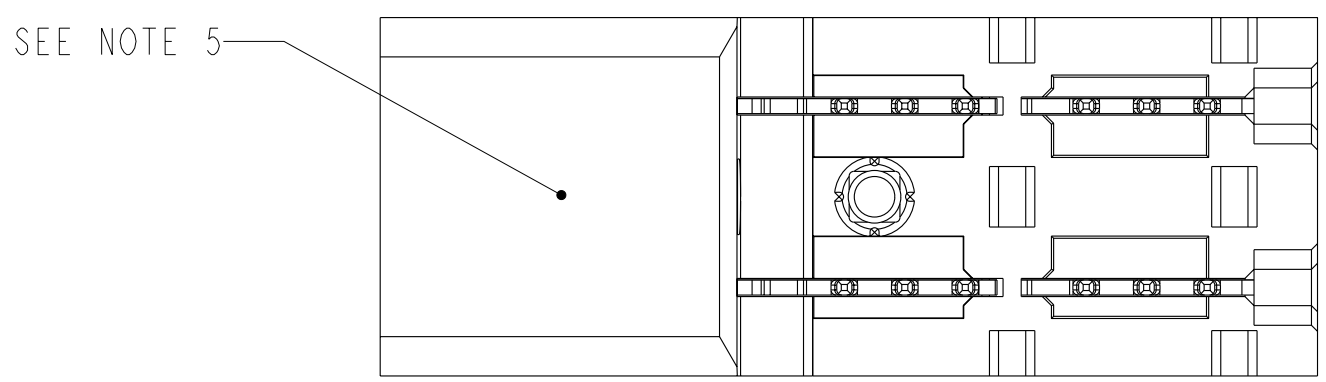
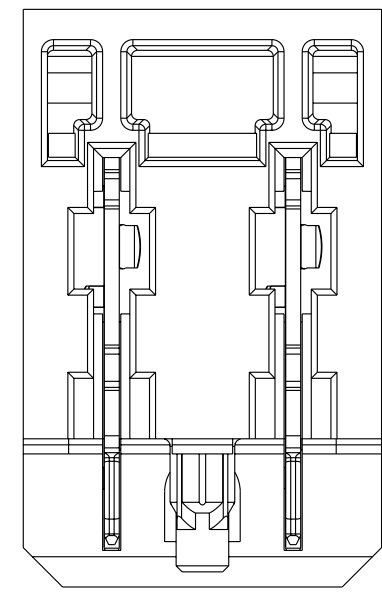
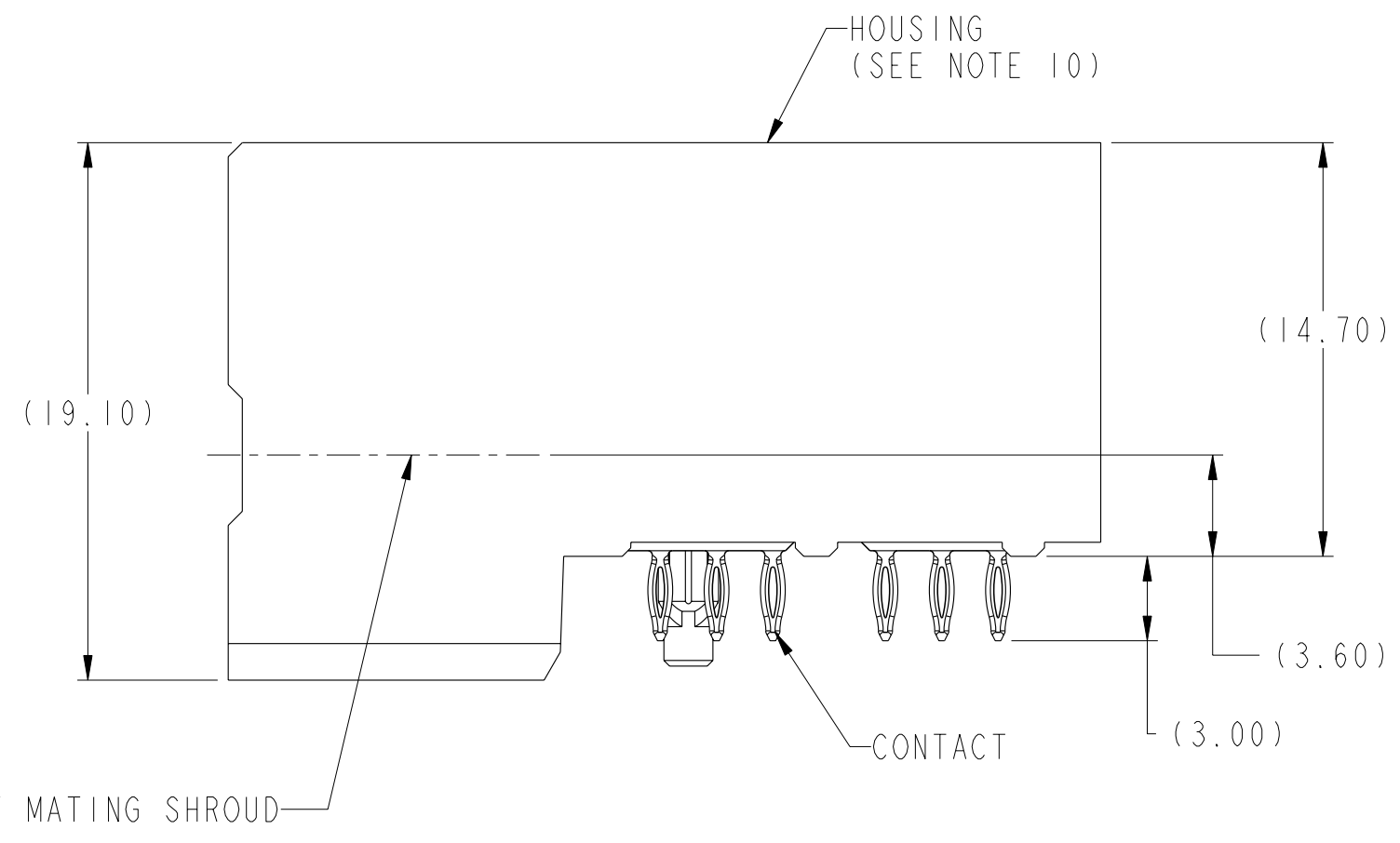
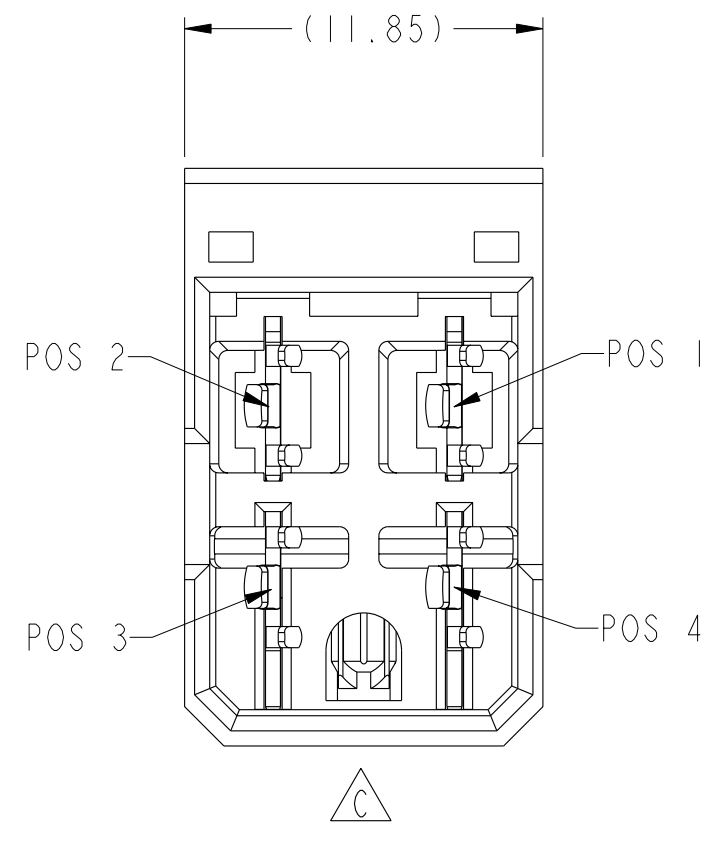
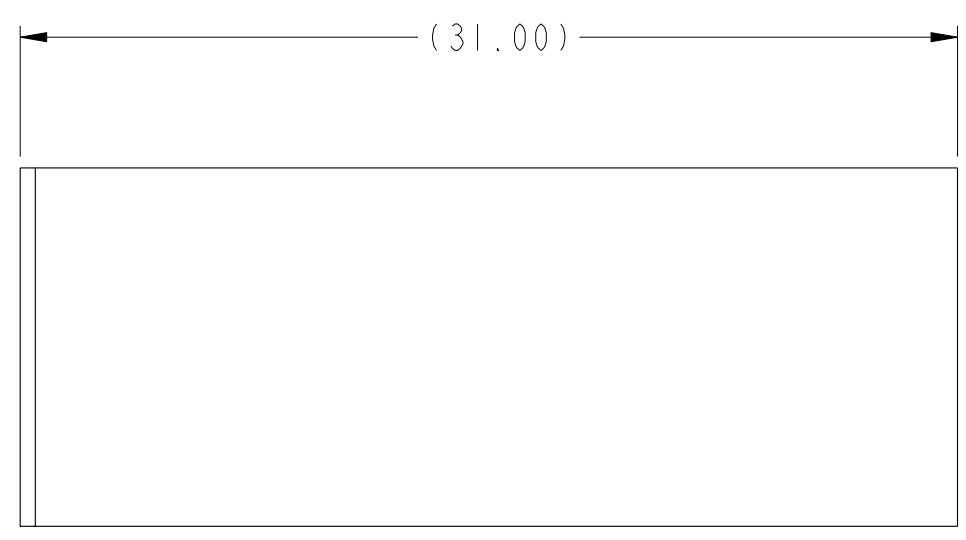


PRODUCT NUMBER (SEE NOTE 2)	CONTACT PLATING		ROHS COMPATIBILITY
	SEPARABLE INTERFACE	PRESS-FIT TAIL	
10084603-001LF	0.76um MIN GOLD OVER NICKEL	0.5um MIN MATTE TIN OVER NICKEL	SEE NOTE 8



SCALE 2:1



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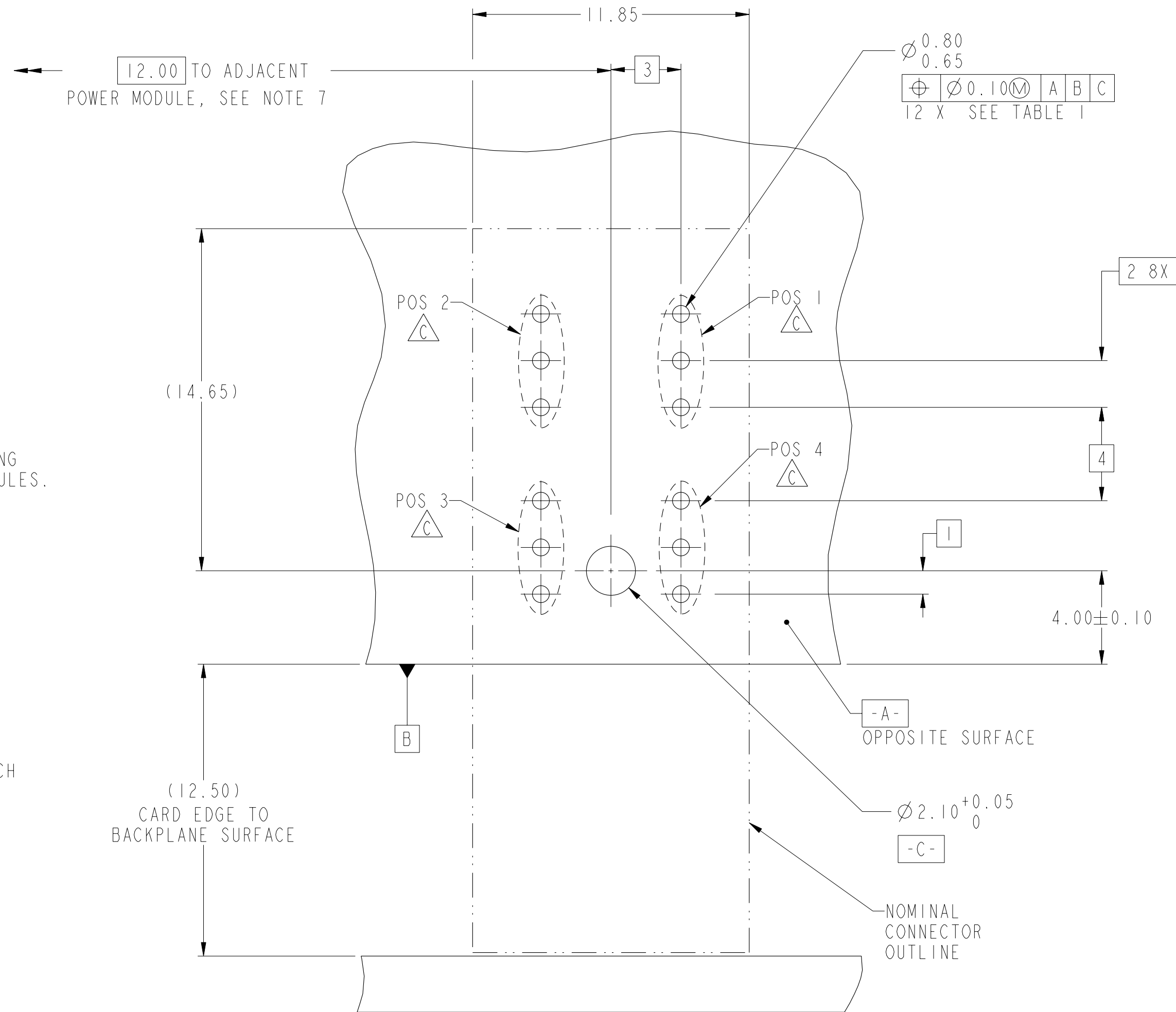
www.fciconnect.com		surface ASME Y14.5	tolerance std ASME Y14.5	projection	MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	L.S. NGWE	2008-06-05	ANGULAR	0.X	±.3
Eng	C.H. TAN	2008-06-13	LINEAR	0.XX	±.1
Chr	C.H. TAN	2009-04-17	0° ±2°	0.XXX	±.050
Appr	JOEY NG	2009-04-17	Product family 2mm High Power		ECN ***
				size	A2
				Scale	4:1
				Spec ref	GS-12-220
			title	HEADER ASSEMBLY, 2X2,	Rev.
			POWER	10084603	C
			catalog no	CUSTOMER	sheet 1 of 2

rev	ecn no	dr	date
A	S08-0174	LS	2008-06-05
B	S08-0187	LS	2008-06-13
C	S09-0119	CH	2009-04-17
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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.
12. A $\triangle C$ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION



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

FCJ	TITLE	HEADER ASSEMBLY, 2X2, POWER	dwg no	10084603	Rev.	C
	CATALOG NO	-		CUSTOMER		sheet 2 of 2