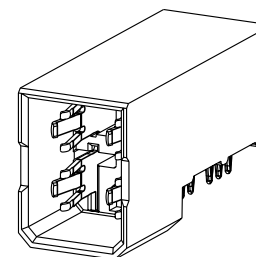
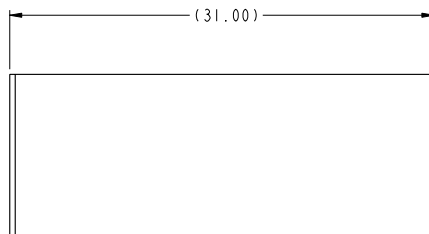
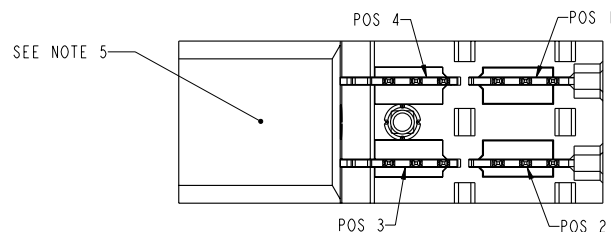
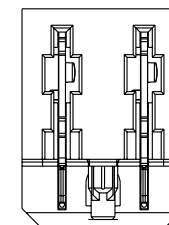
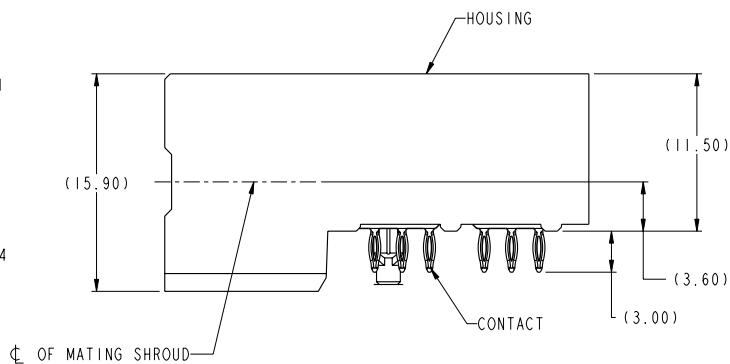
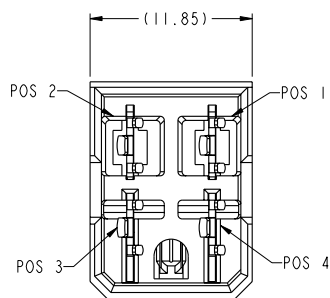


PRODUCT NUMBER	CONTACT PLATING NOTE
I0073379-001LF	NOTE 2



SCALE 3:1



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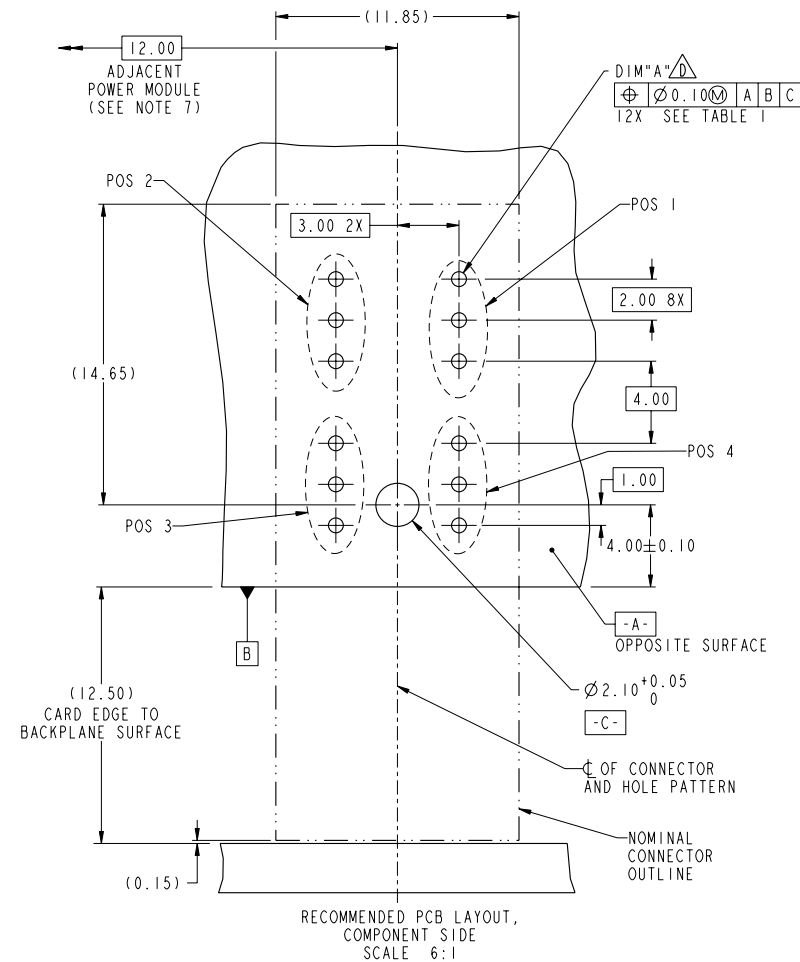
www.fciconnect.com				surface ASME Y14.5	tolerance std ASME Y14.5	projection MM	size A2		Scale 4:1
				TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	C. H. TAN	2006-10-18	Eng	ANDREW YONG	2010-05-11	ANGULAR	0.X	±	
Chr	C. H. TAN	2010-05-11	Appr	JOEY NG	2010-05-11	LINEAR	0.XX	±	
							0.XXX	±	
				Product family		2mm High Power	ECN		S10-0086
							Spec ref		GS-12-220
				Title		R/A HEADER ASSEMBLY, 2X2		Rev.	
				POWER, 11.5mm HEIGHT		I0073379		D	
				catalog no		CUSTOMER		sheet 1 of 2	

TABLE I  
PLATED THROUGH-HOLE REQUIREMENTS

TOP LAYER DESCRIPTION	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:

- CONNECTOR MATERIALS:  
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK  
UL 94V-0 COMPLIANT  
CONTACT: HIGH PERFORMANCE COPPER ALLOY
- CONTACT PLATING:  
PRESS-FIT TAIL: 0.5um MIN MATT TIN OVER NICKEL.  
  
SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENT OF FCI PRODUCT SPECIFICATION GS-12-220, INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE
- PRODUCT SPECIFICATION: GS-12-220
- APPLICATION SPECIFICATION: GS-20-023
- PRODUCT MARKING (PRODUCT NUMBER & LOT CODE) ON HOUSING.
- MINIMUM NOMINAL PCB THICKNESS: 1.6mm
- REFER TO CUSTOMER DRAWING 10035911 REGARDING INFORMATION REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO SIGNAL MODULES.
- PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN FCI SPECIFICATION GS-22-008.
- PACKAGING MEETS FCI SPECIFICATION GS-14-920.
- HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
- COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
- A  $\triangle$  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION



FCI	R/A HEADER ASSEMBLY, 2X2 POWER, 11.5mm HEIGHT	10073379	Rev. D
catalog no	CUSTOMER	sheet 2 of 2	