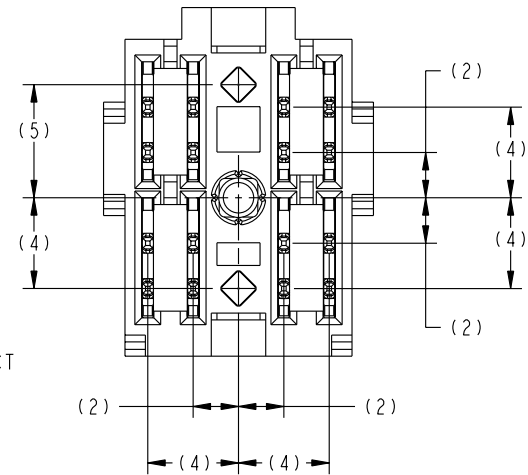
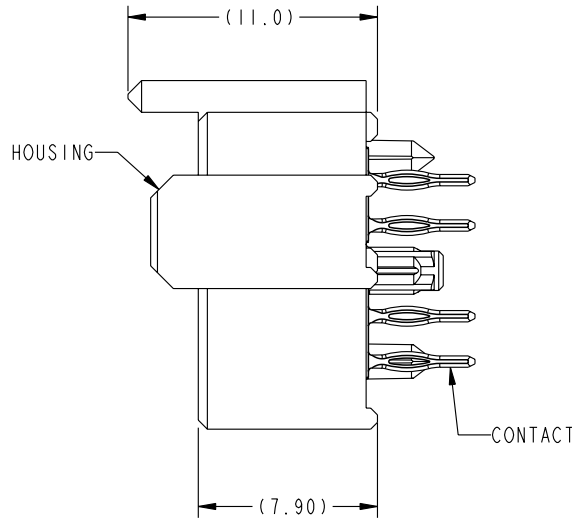
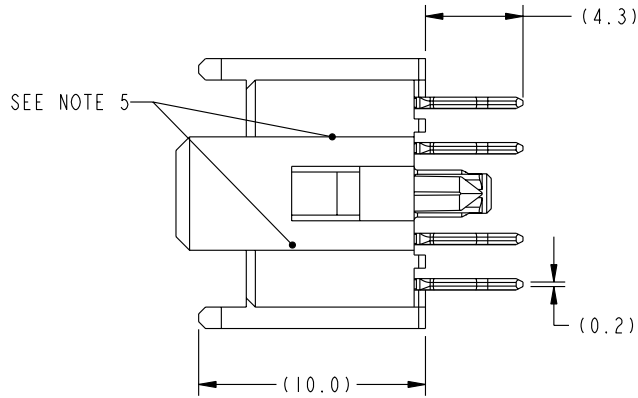
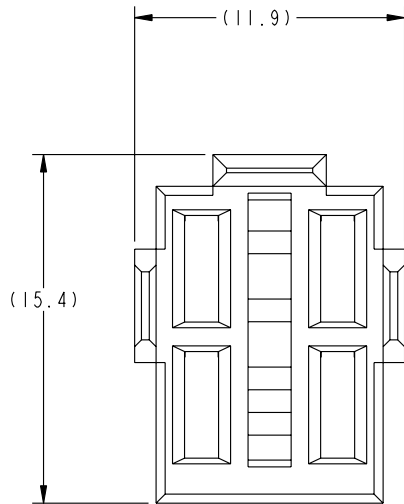


PRODUCT NUMBER	EQUIVALENT METRAL SIGNAL HEADER PIN LENGTH	ROHS COMPATIBILITY
10009536-001	8.0	N/A
10009536-002	6.5	N/A
10009536-003 *	5.0	N/A
10009536-001LF	8.0	SEE NOTE 9
10009536-002LF	6.5	SEE NOTE 9
10009536-003LF *	5.0	SEE NOTE 9

\* SEE NOTE 7



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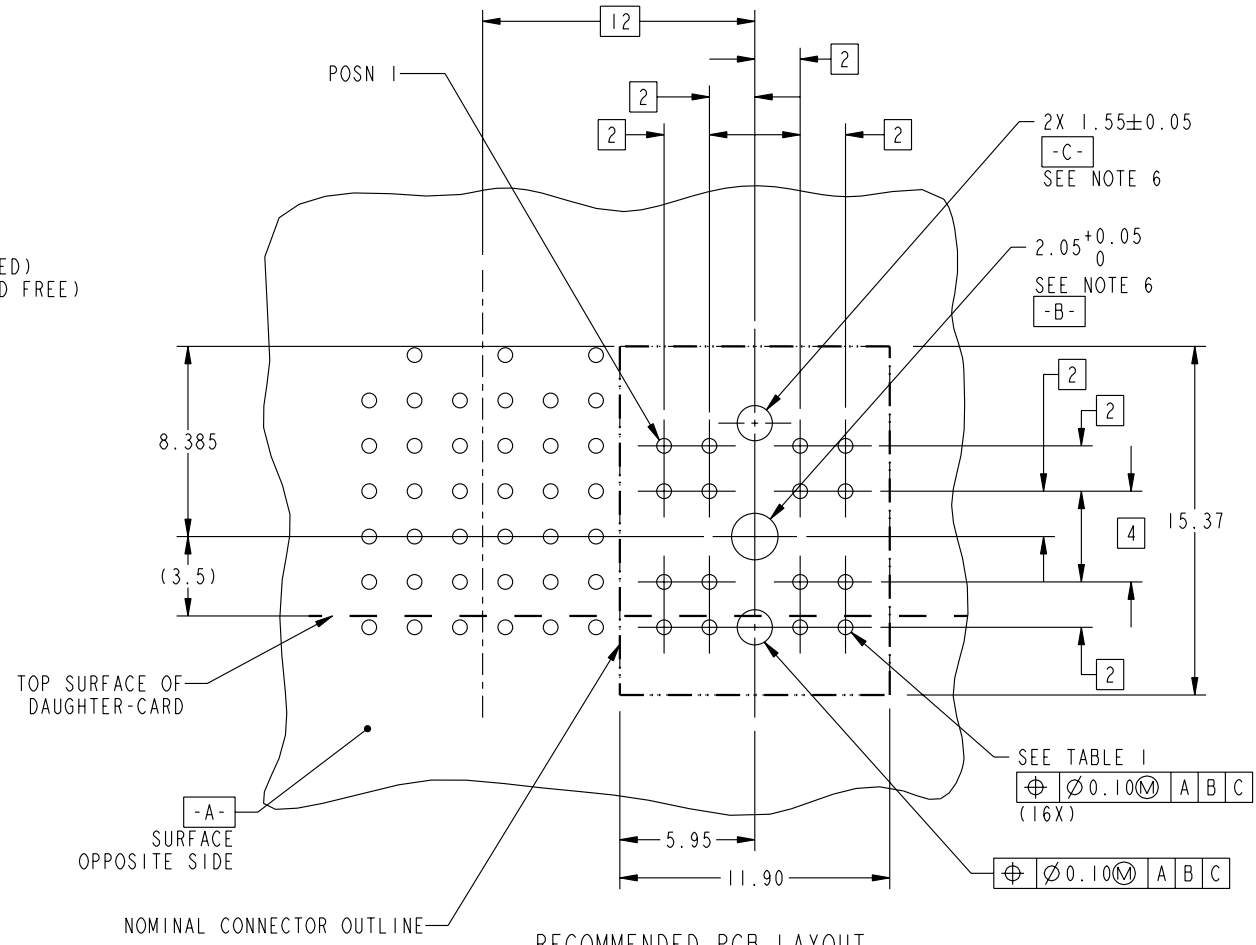
www.fciconnect.com			surface ASME Y14.5	tolerance std -	projection mm
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	T. BRUNGARD	2002-07-12	ANGULAR	0.X ±.3	size A4
Eng	T. BRUNGARD	2002-07-12	LINEAR	0.XX ±.1	Scale 3:1
Chr	C. H. TAN	2005-10-21	0° ±2°	0.XXX ±.051	ECN S05-0300
Appr	JOEY NG	2005-10-21	Product family 2mm HI POWER		Spec ref -
FCI			RECEPTACLE ASSEMBLY		dwg no 10009536
			PRESS-FIT, METRAL VERSION		Rev. F
			catalog no -	CUSTOMER	sheet 1 of 2

rev	ecn no	dr	date
A	V03-0226	WJS	2003-04-08
B	V03-0589	WJS	2003-05-22
C	V03-0752	GIP	2003-08-19
D	V04-0115	DAI	2004-02-05
E	S05-0300	MC	2005-10-21
F	S06-0412	LS	2006-12-21
-	-	-	-

TOP LAYER DESCRIPTION	TABLE 1 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 - 1.5 um	--	0.70 - 0.80
IMMERSION SILVER	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	--	0.15 - 0.65 um	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, UL94V-0 COMPLIANT.  
CONTACT: HIGH PERFORMANCE COPPER ALLOY
- 2. CONTACT PLATING:  
PRESS-FIT TAIL: 0.5-1.5um TIN-LEAD OVER NICKEL (LEADED)  
: 0.5-1.5um MATTE TIN OVER NICKEL (LEAD FREE)  
SEPARABLE INTERFACE: 0.76um MIN GOLD OVER NICKEL
- 3. PRODUCT SPECIFICATION: GS-12-220
- 4. APPLICATION SPECIFICATION: GS-20-023
- 5. PRODUCT MARKING (PRODUCT NUMBER & LOT CODE) ON THESE SURFACES.
- 6. INDICATED HOLES ARE UNPLATED.
- 7. -003 AND -003LF WILL NOT BE TOOLED INITIALLY.
- 8. "LF" SUFFIX DENOTES LEAD FREE PLATING.
- 9. PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN FCI SPECIFICATION GS-22-008.
- 10. PACKAGING MEETS FCI SPECIFICATION GS-14-920.
- 11. COPPER PLATING THICKNESS AT CENTER OF VIA HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.



RECOMMENDED PCB LAYOUT, COMPONENT SIDE (SHOWN BESIDE A 5 ROW METRAL 1000 HEADER)



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FCI	RECEPTACLE ASSEMBLY	dwg no	10009536	Rev.	F
	PRESS-FIT, METRAL VERSION		CUSTOMER		sheet 2 of 2
catalog no					