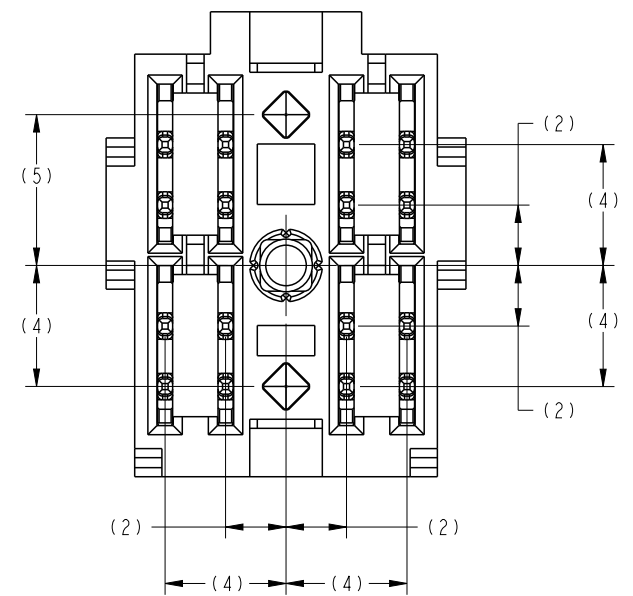
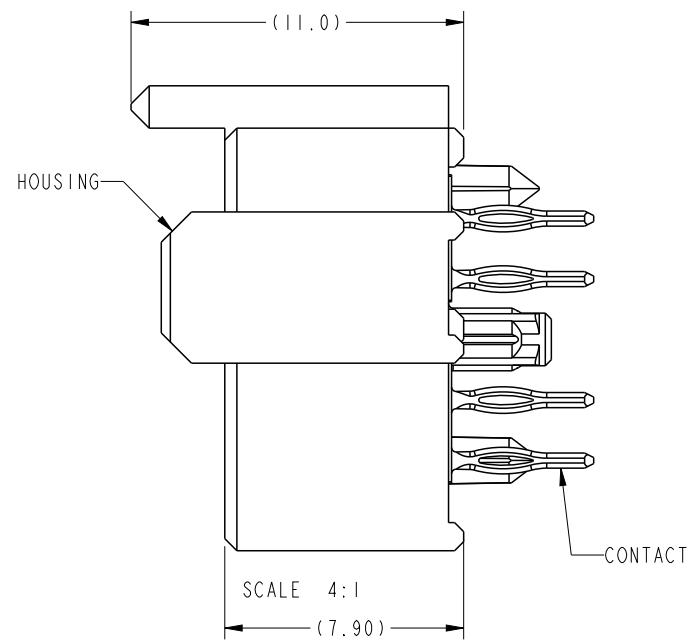
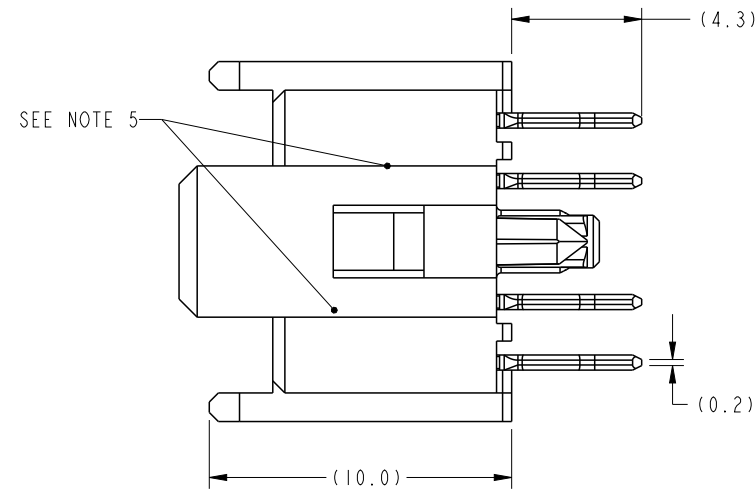
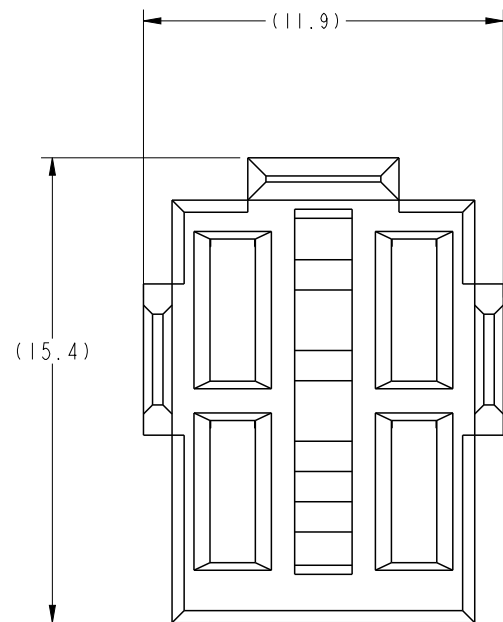


PRODUCT NUMBER	EQUIVALENT METRAL SIGNAL HEADER PIN LENGTH	ROHS COMPATIBILITY
10009536-001	8.0	N/A
10009536-002	6.5	N/A
10009536-003 *	5.0	N/A
10009536-001LF	8.0	SEE NOTE 9
10009536-002LF	6.5	SEE NOTE 9
10009536-003LF *	5.0	SEE NOTE 9

* SEE NOTE 7

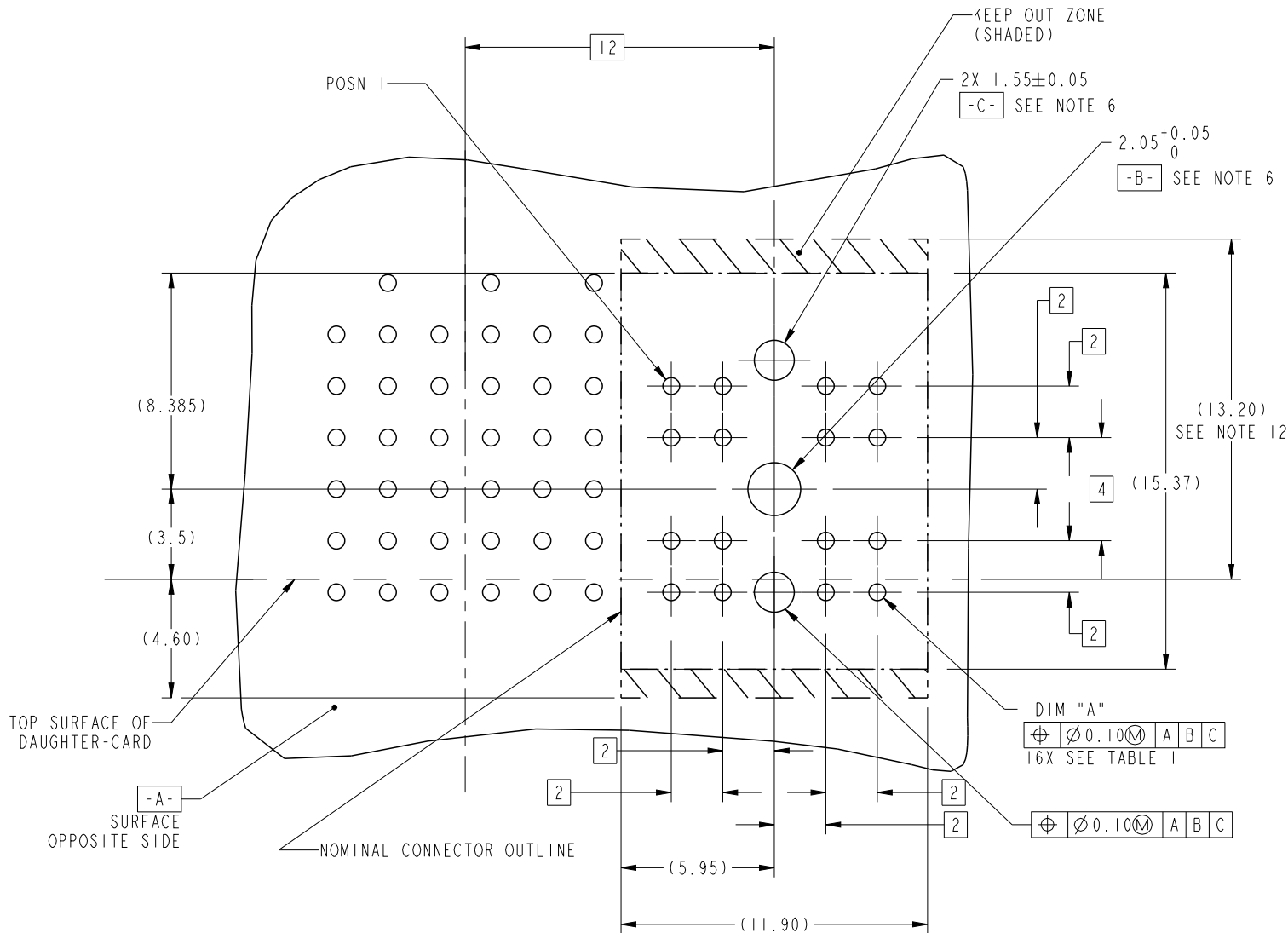


spec ref -				dr Chen-Hong Tan		2005/08/03		projection	mm	size A3		scale 3:1	
tolerance std - TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Suzie Nah		2013/12/25				ecn no ELX-S-16550-1			
				chr -		-				rel level Released			
				appr Chen-Hong Tan		2014/01/14							
surface		linear	0.X	±.3		title RECEPTACLE ASSEMBLY, PRESS-FIT, METRAL VERSION				dwg no 10009536	rev J		
			0.XX	±.1									
			0.XXX	±.051									
ASME Y14.5		angular	0°	±2°	www.fci.com		cat. no. -		-		sheet 1 of 2		

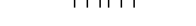
TOP LAYER DESCRIPTION	TABLE 1 PLATED THROUGH-HOLE REQUIREMENTS							
	DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	NICKEL THICKNESS	GOLD THICKNESS	TIN THICKNESS	SILVER THICKNESS	FINISHED HOLE DIAMETER (DIM "A")
TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	--	--	--	0.65 - 0.80
IMMERSION TIN	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	0.9 - 1.5 μ m	--	0.70 - 0.80
IMMERSION SILVER	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	--	0.15 - 0.65 μ m	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,)
UL94V-0 COMPLIANT.
CONTACT: HIGH PERFORMANCE COPPER ALLOY
- CONTACT PLATING:
PRESS-FIT TAIL: 0.5-1.5 μ m TIN-LEAD OVER NICKEL (LEADED)
: 0.5-1.5 μ m MATTE TIN OVER NICKEL (LEAD FREE)
SEPARABLE INTERFACE: 0.76 μ m MIN GXT OVER NICKEL ⚠
- PRODUCT SPECIFICATION: GS-12-220
- APPLICATION SPECIFICATION: GS-20-023
- PRODUCT MARKING (PRODUCT NUMBER & LOT CODE)
ON THESE SURFACES.
- INDICATED HOLES ARE UNPLATED.
- 003 AND -003LF WILL NOT BE TOOLED INITIALLY.
- "LF" SUFFIX DENOTES LEAD FREE PLATING.
- PRODUCT MEETS EUROPEAN UNION DIRECTIVES
AND OTHER COUNTRY REGULATIONS AS DESCRIBED
IN FCI SPECIFICATION GS-22-008.
- PACKAGING MEETS FCI SPECIFICATION GS-14-920.
- COPPER PLATING THICKNESS AT CENTER OF VIA HOLE
CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
- KEEPOUT AREA CORRESPOND TO MATING HEADER OUTLINE
WITH 13.2MM HEIGHT ABOVE TOP SURFACE OF DAUGHTER CARD
AND 4.60MM BELOW TOP SURFACE OF DAUGHTER CARD
- A ⚠ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW,
OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT
DRAWING REVISION



SCALE 4:1
RECOMMENDED PCB LAYOUT,
COMPONENT SIDE
(SHOWN BESIDE A 5 ROW METRAL 1000 HEADER)

spec ref		-		dr	Chen-Hong Tan	2005/08/03	projection	mm	size	A3	scale	3:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Suzie Nah	2013/12/25					ecn no	ELX-S-16550-1	
				chr	-	-							
-				appr	Chen-Hong Tan	2014/01/14	product family		XXXXX	rel level		Released	
surface		linear	0.X	±.3		title	RECEPTACLE ASSEMBLY, PRESS-FIT, METRAL VERSION		dwg no	10009536		rev	J
			0.XX	±.1									
			0.XXX	±.051									
ASME Y14.5		angular	0°	±2°	www.fci.com	cat. no.					sheet 2 of 2		