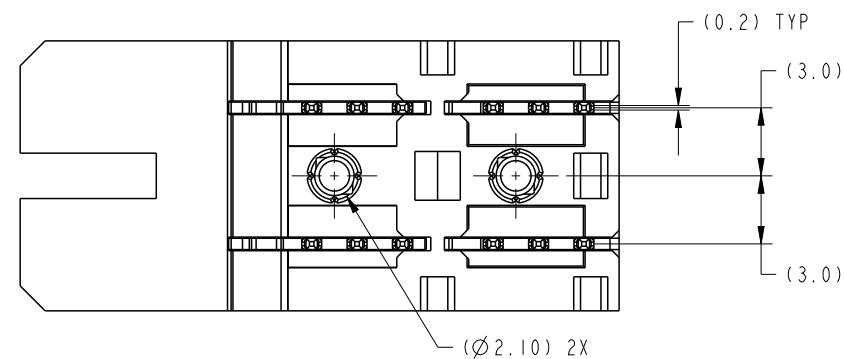
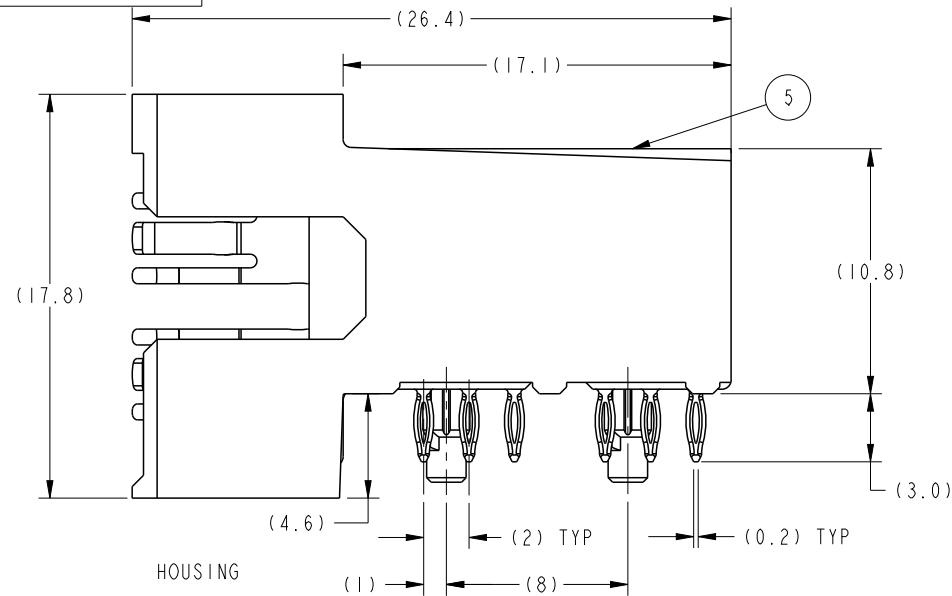
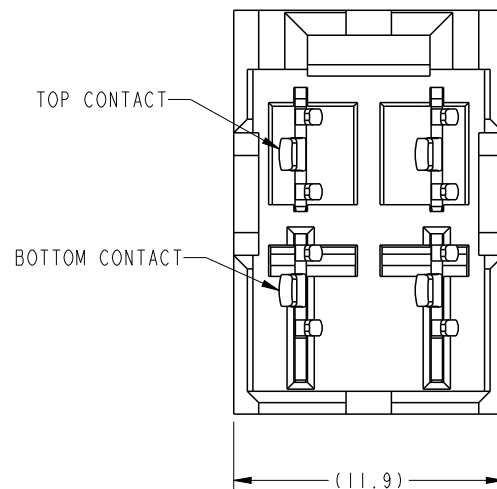
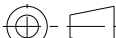


PRODUCT NUMBER (SEE NOTE 7)	CONTACT PLATING		ROHS COMPATIBILITY
	SEPARABLE INTERFACE	PRESS-FIT TAIL	
	10009542-001 0.76 μ m MIN GXT OVER NICKEL	0.5 μ m MIN TIN-LEAD NICKEL 0.5 μ m MIN MATTE TIN OVER NICKEL	
10009542-001LF			N/A SEE NOTE 8



spec ref		GS-12-220			dr	Chen-Hong Tan	2005/08/03	projection 	MM 	size	A4	scale	3:1	
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Suzie Nah	2013/12/26	ecn no			ELX-S-16550-1				
				chr	-	-								
					appr	Chen-Hong Tan	2014/01/14	product family			rel level			Released
surface ✓ ASME Y14.5	linear	0.X	±.3		title 2 X 2 HEADER ASSEMBLY, PRESS-FIT				dwg no	10009542			rev	G
		0.XX	±.13											
		0.XXX	±.051											
angular				0°	±2°	www.fci.com		cat. no.		-		sheet 1 of 2		

Print File - REV C - 2009-06-09

PDS: Rev :G

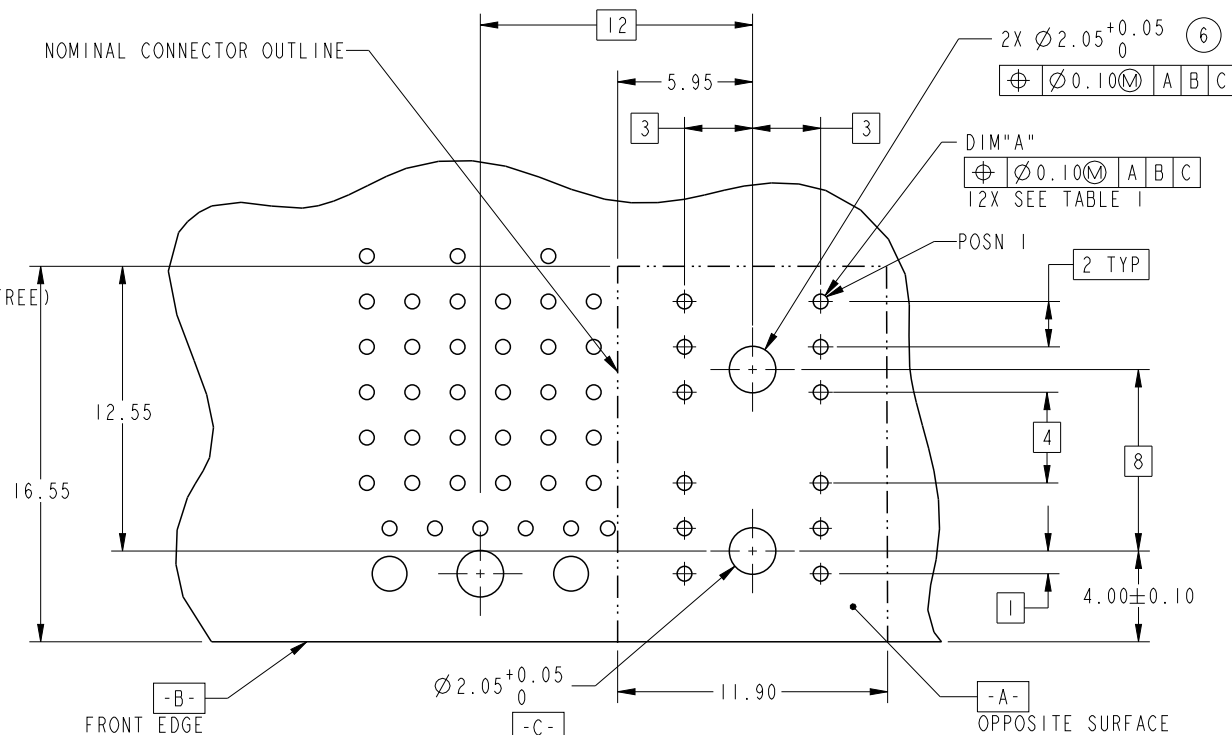
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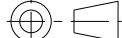
Printed: Jan 14, 2014

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 (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 10)	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: HI TEMP 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 THIS SURFACE.
- INDICATED HOLES ARE UNPLATED.
- "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.



spec ref		GS-12-220			dr	Chen-Hong Tan	2005/08/03	projection 	MM 	size	A4	scale	3:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Suzie Nah	2013/12/26	ecn no			ELX-S-16550-1			
				chr	-	-							
				appr	Chen-Hong Tan	2014/01/14							product family 2 mm HIGH POWER
surface ✓ ASME Y14.5	linear	0.X	±.3		title 2 X 2 HEADER ASSEMBLY, PRESS-FIT				dwg no	10009542			rev G
		0.XX	±.13										
		0.XXX	±.051										
	angular	0°	±2°	www.fci.com	cat. no.			-			sheet 2 of 2		