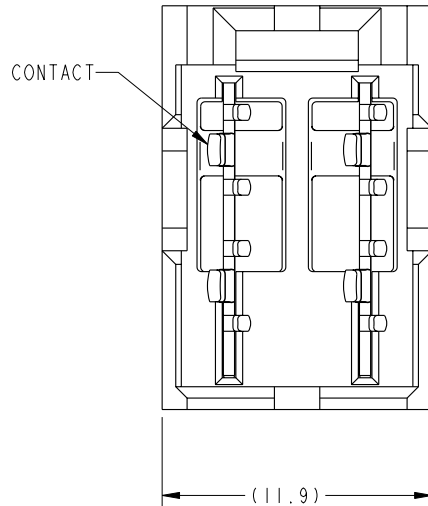




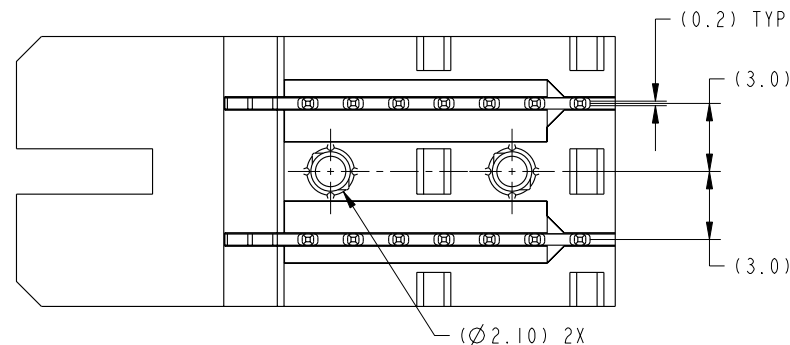
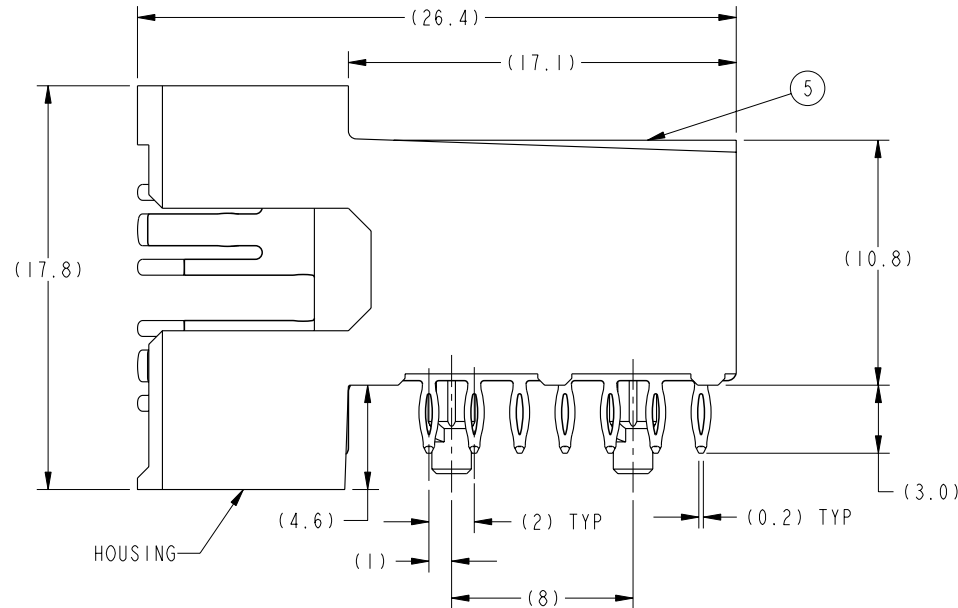
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PRODUCT NUMBER (SEE NOTE 7)	CONTACT PLATING		ROHS COMPATIBILITY
	SEPARABLE INTERFACE	PRESS-FIT TAIL	
10009556-001	0.76 μ m MIN	0.5 μ m MIN TIN-LEAD NICKEL	N/A
10009556-001LF	GOLD OVER NICKEL	0.5 μ m MIN MATTE TIN OVER NICKEL	SEE NOTE 8



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
: 0.5-1.5 μ m MATTE TIN OVER NICKEL
SEPARABLE INTERFACE: 0.76 μ m MIN GOLD 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 REGULATION AS DESCRIBED IN FCI
SPECIFICATIN GS-12-008.
- PACKAGING MEETS FCI SPECIFATION GS-14-920.
- COPPER PLATING THICKNESS AT CENTER OF VIA HOLE
CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.



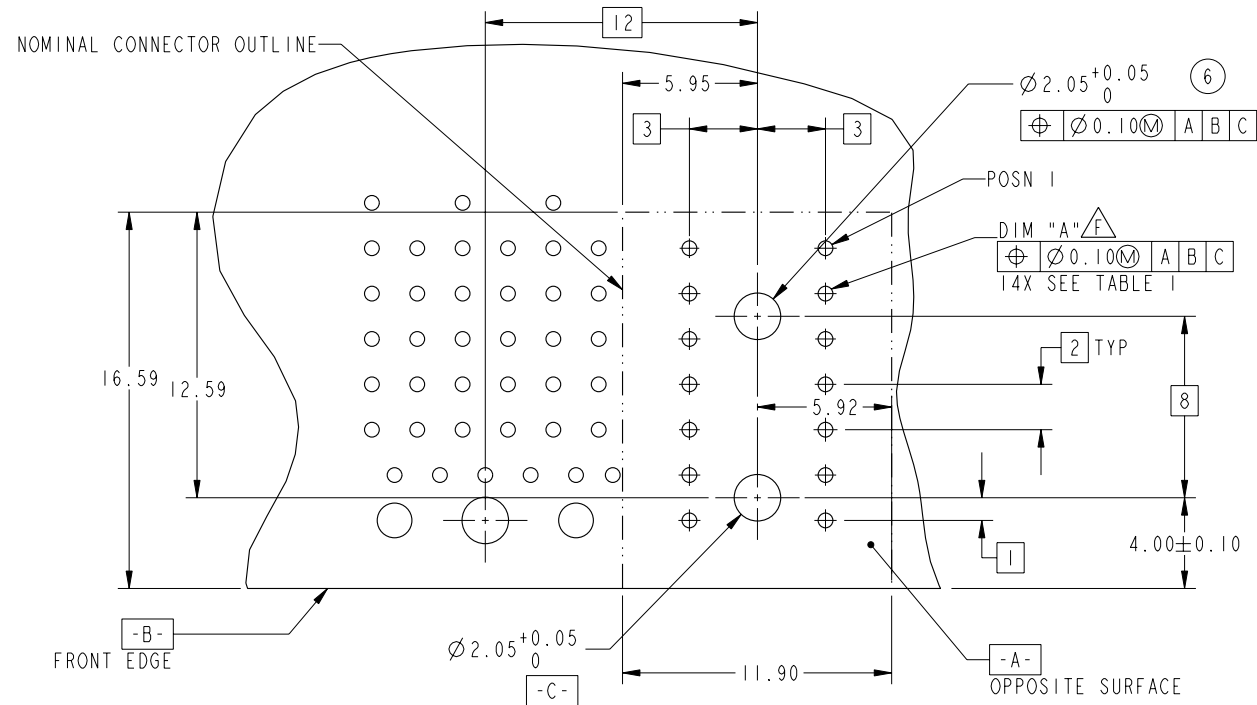
rev	ecn no	dr	date
A	V03-0226	WJS	2003-04-09
B	V03-0589	WJS	2003-05-22
C	V04-0115	DAI	2004-02-05
D	S05-0300	MC	2005-10-21
E	S06-0412	LS	2006-12-21
F	S10-0086	AY	2010-05-11
-	-	-	-

www.fciconnect.com			surface ASME Y14.5	tolerance std ASME Y14.5	projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	T. BRUNGARD	2002-07-15	ANGULAR	0.X	±.3	size A4
Eng	ANDREW YONG	2010-05-11		0.XX	±.13	
Chr	C.H. TAN	2010-05-11		0.XXX	±.051	
Appr	JOEY NG	2010-05-11	Product family		xxxxx	ECN S10-0086
						Spec ref GS-12-220
			title 1 X 2 HEADER ASSEMBLY, PRESS-FIT			Rev. F
			catalog no			Customer
			dwg no 10009556			sheet 1 of 2



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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") ^F
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



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

	title	1 X 2 HEADER ASSEMBLY, PRESS-FIT	dwg no	10009556	Rev.	F
	catalog no		Customer	sheet 2 of 2		