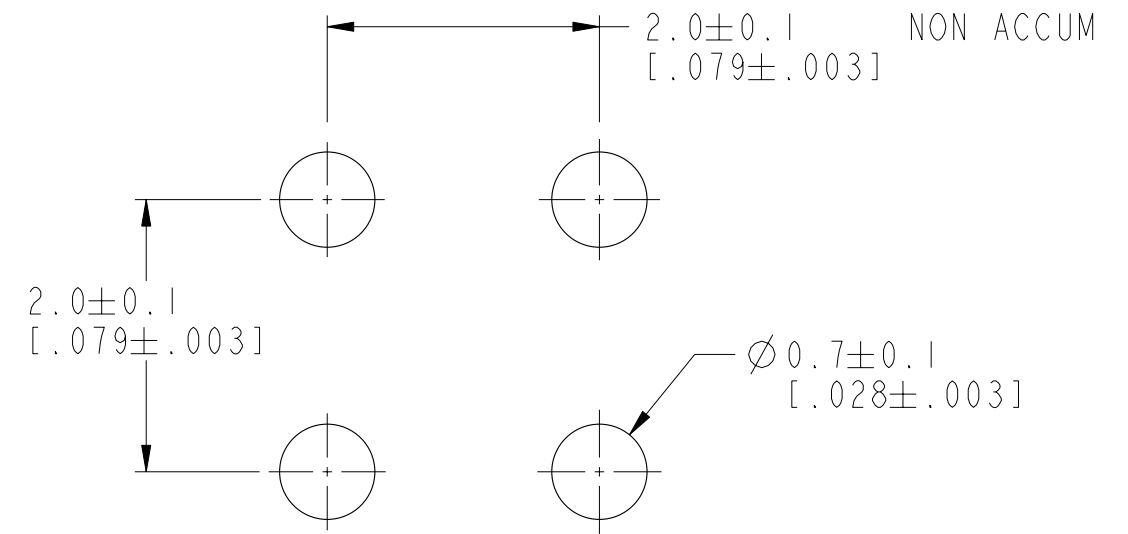
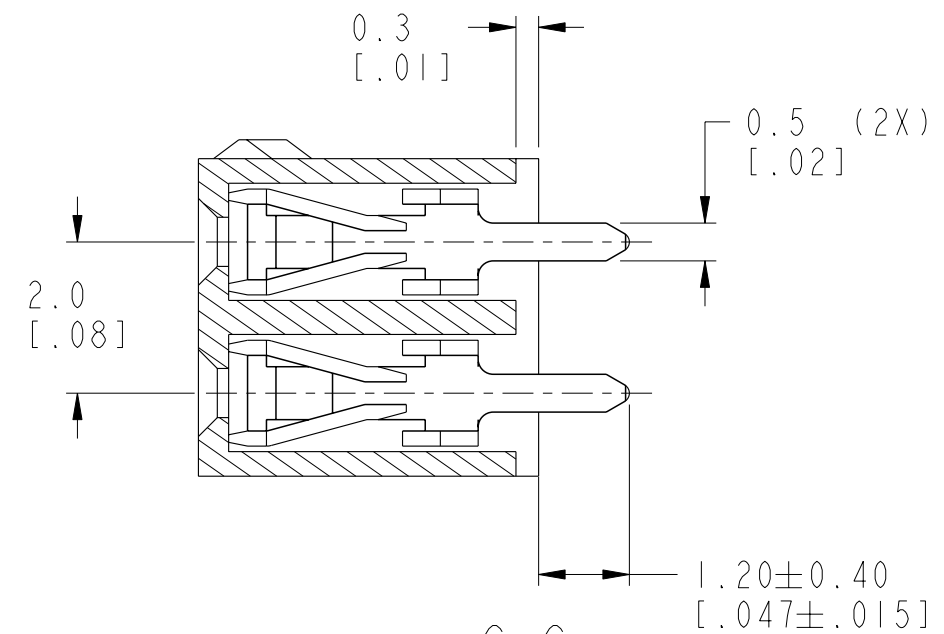


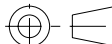


RECOMMENDED MOUNTING HOLE LAYOUT

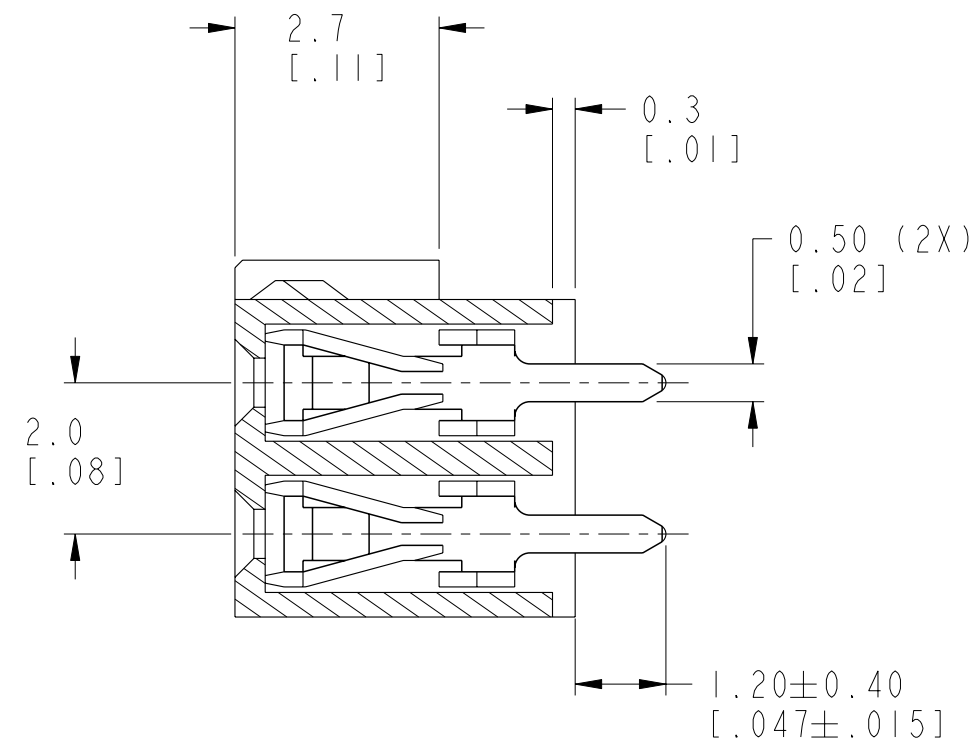
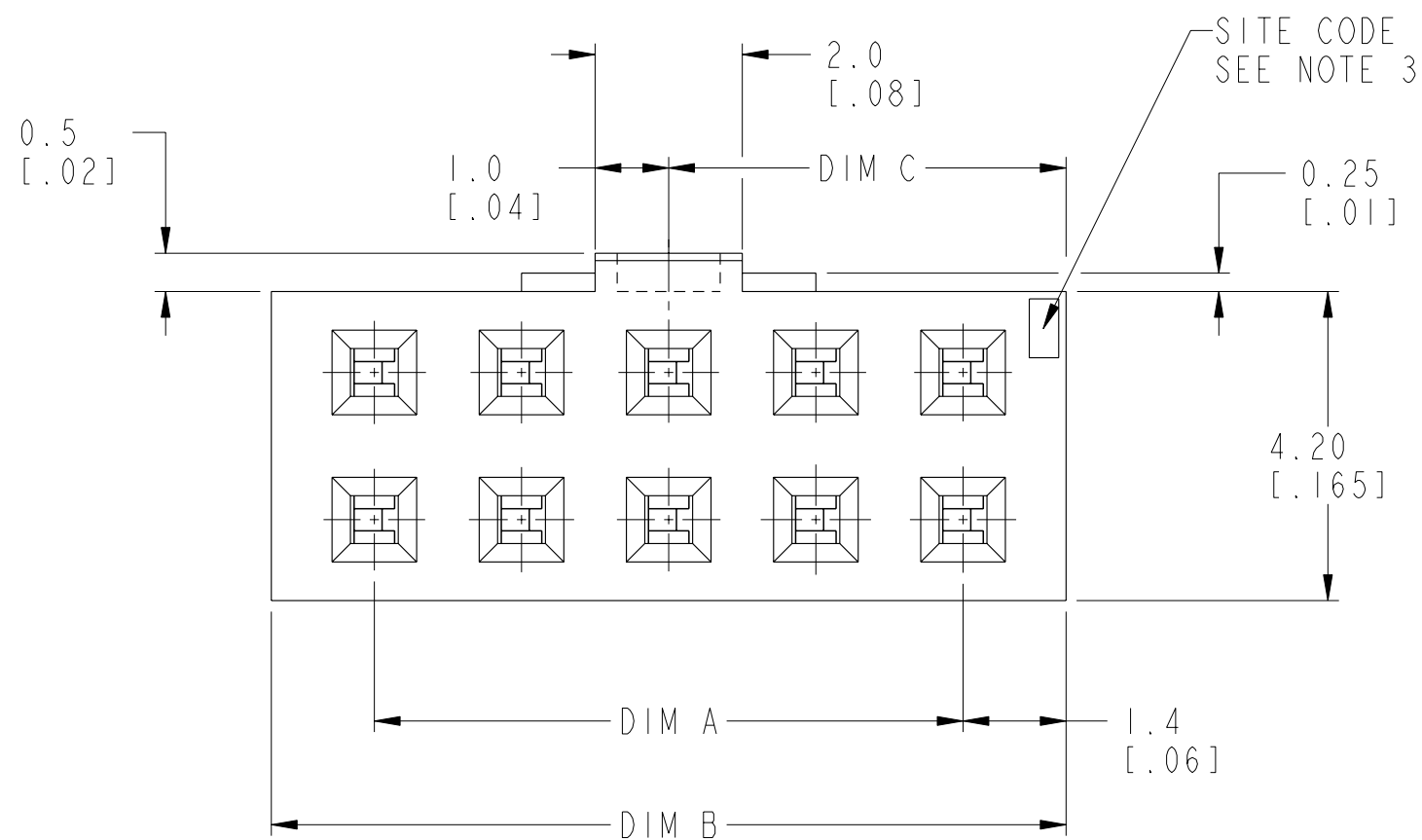
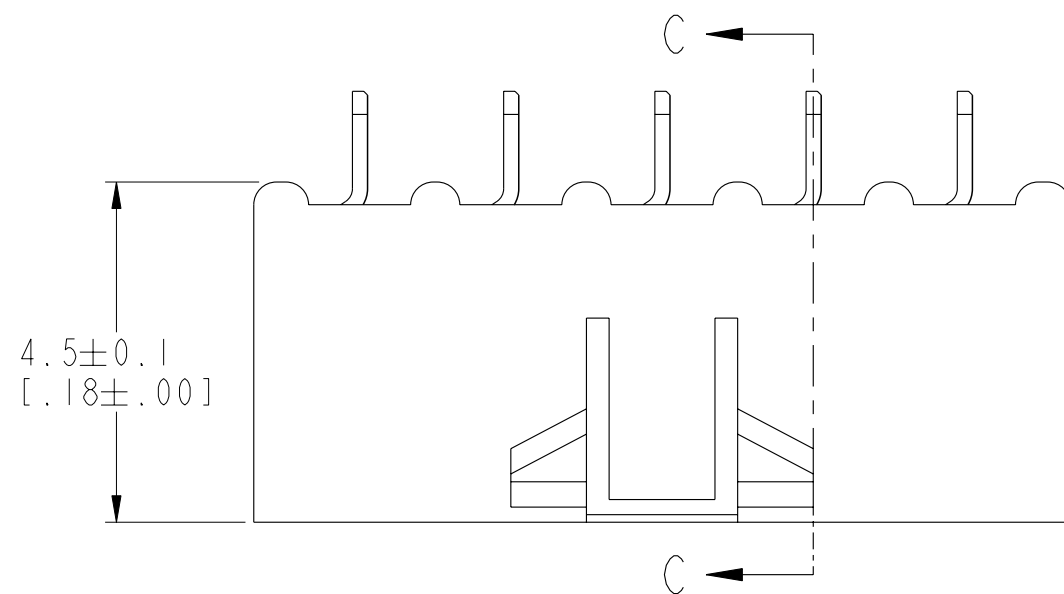


SECTION C-C

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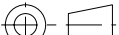
www.fciconnect.com			surface  ISO 1302		tolerance std ISO 406 ISO 1101		projection 		MM/ INCH 		
			TOLERANCES UNLESS		OTHERWISE SPECIFIED						
Dr	S. OLSON	1991-09-03	ANGULAR	LINEAR	X.X/.XX	±0.3/.01	size		Scale		
Eng	S. OLSON	1991-09-03			X.XX/.XXX	±0.013/.005	A3		10:1		
Chr	KH LEE	2010-01-23			0° ±2°	X.XXX/.XXXX	±0.051/.0020	ECN		S10-0205	
Appr	JOEY NG	2010-01-23	Product family				MINITEK		Spec ref -		
		title				MINITEK VCC HSG. DBL.				Rev.	
						ROW W/LATCHING				L	
		catalog no				-				CUSTOMER	
						90310				sheet 1 of 3	

rev	ecn no	dr	date
H	S04294	LSS	1995-01-19
J	V50889	MRC	1995-07-06
K	S05-0090	KBM	2005-03-21
L	S10-0205	AK	2010-01-23
-	-	-	-
-	-	-	-
-	-	-	-



SECTION C-C

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www.fciconnect.com			surface - ✓ ISO 1302		tolerance std ISO 406 ISO 1101		projection 		MM / INCH 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	S. OLSON	1991-09-03	ANGULAR	LINEAR	X.X/.XX	±0.3/.01	size A3	Scale 10:1		
Eng	S. OLSON	1991-09-03			X.XX/.XXX	±0.013/.005				
Chr	KH LEE	2010-01-23	0°	±2°	X.XXX/.XXXX	±0.051/.0020	ECN		S10-0205	
Appr	JOEY NG	2010-01-23	Product family				MINITEK		Spec ref	
			title MINITEK VCC HSG. DBL. ROW W/LATCHING				dwg no 90310		Rev L	
			catalog no				-	CUSTOMER		sheet 2 of 3



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C

D

A	1		2		3		4	
	PRODUCT NO	POSITIONS	DIM. A	DIM.B	DIM. C	LATCHING FEATURE	PLATING	DESCRIPTION SEE NOTE 4
	90310-X04	2 X 2	2.0/.08	4.8/.19	2.4/.09	1	0	0.2µm/ 8µ" Au
	90310-X06	2 X 3	4.0/.16	6.8/.27	3.4/.13	2	1	0.76µm/ 30µ" Au
	90310-X08	2 X 4	6.0/.24	8.8/.35	4.4/.17	▲	2	UNASSIGNED
	90310-X10	2 X 5	8.0/.32	10.8/.43	5.4/.21		3	0.38µm/ 15µ" Au
	90310-X12	2 X 6	10.0/.39	12.8/.50	6.4/.25			
	90310-X14	2 X 7	12.0/.47	14.8/.58	7.4/.29			
	90310-X16	2 X 8	14.0/.55	16.8/.66	8.4/.33			
	90310-X18	2 X 9	16.0/.63	18.8/.74	9.4/.37			
	90310-X20	2 X 10	18.0/.71	20.8/.82	10.4/.41			
	90310-X22	2 X 11	20.0/.79	22.8/.90	11.4/.45			
B	90310-X24	2 X 12	22.0/.87	24.8/.98	12.4/.49			
	90310-X26	2 X 13	24.0/.95	26.8/1.06	13.4/.53			
	90310-X28	2 X 14	26.0/1.02	28.8/1.13	14.4/.57			
	90310-X30	2 X 15	28.0/1.10	30.8/1.21	15.4/.61			
	90310-X32	2 X 16	30.0/1.18	32.8/1.29	16.4/.65	▼		
	90310-X34	2 X 17	32.0/1.26	34.8/1.37	17.4/.69	2		

PART NUMBER INFORMATION:

XXXXX-XXXLF

LEAD FREE (SEE NOTES 4 & 9)
TERMINAL PLATING
BASE NUMBER

NOTES:

- HOUSING MATERIAL: PCT UL94V-0 COLOR BEIGE.
- TERMINAL MATERIAL: PHOS BRONZE
- SITE CODE INDICATES POS 1.
- PLATING AT CONTACT:
Au OVER 1.27µm/500 Ni

PLATING AT SOLDER TAIL:
(a) SOLDER TAIL OF P/N: 90310-XXX IS TIN/LEAD PLATED.
(b) SOLDER TAIL OF P/N: 90310-XXXLF IS 100% MATTE TIN PLATED.
- FOR USE WITH MINITEK LATCHING HEADERS WHEN MATING AND UNMATING THE FORCES WILL BE APPROX 1 Kg/2.2 lbs. GREATER THAN THE FORCES DETAILED IN 110-036, PAR 3.5.3.5.
- SHEET 1 SHOWS THE SINGULAR LATCHING FEATURE CONFINED TO THE 2X2.

- THIS HOUSING WILL WITHSTAND EXPOSURE TO 250°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.57MM MINIMUM THICK CIRCUIT BOARD.

- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.



- A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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www.fciconnect.com			surface - ISO 1302		tolerance std ISO 406 ISO 1101		projection	MM/ INCH	
TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	S. OLSON	1991-09-03	ANGULAR	LINEAR	X.X/.XX	±0.3/.01	size A3	Scale 1:1	
Eng	S. OLSON	1991-09-03			X.XX/.XXX	±0.013/.005			
Chr	KH LEE	2010-01-23	0° ±2°		X.XXX/.XXX	±0.051/.0020	ECN	S10-0205	
Appr	JOEY NG	2010-01-23	Product family			MINITEK	Spec ref		
		title				MINITEK VCC HSG. DBL.		dwg no 90310	Rev. L
		ROW W/LATCHING							
		catalog no				-	CUSTOMER		