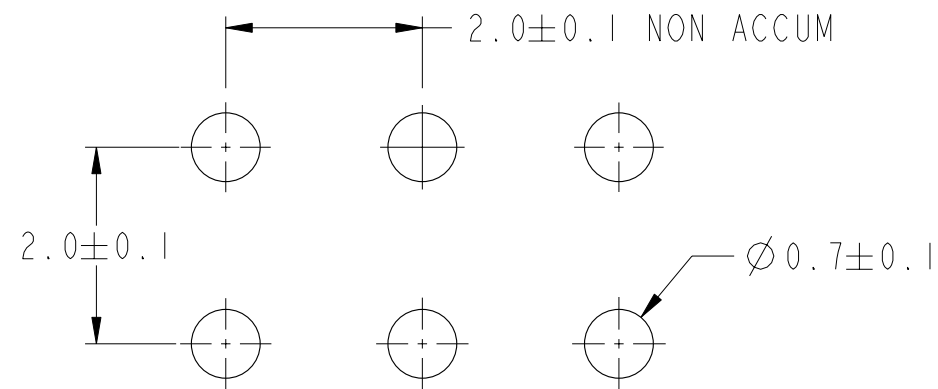
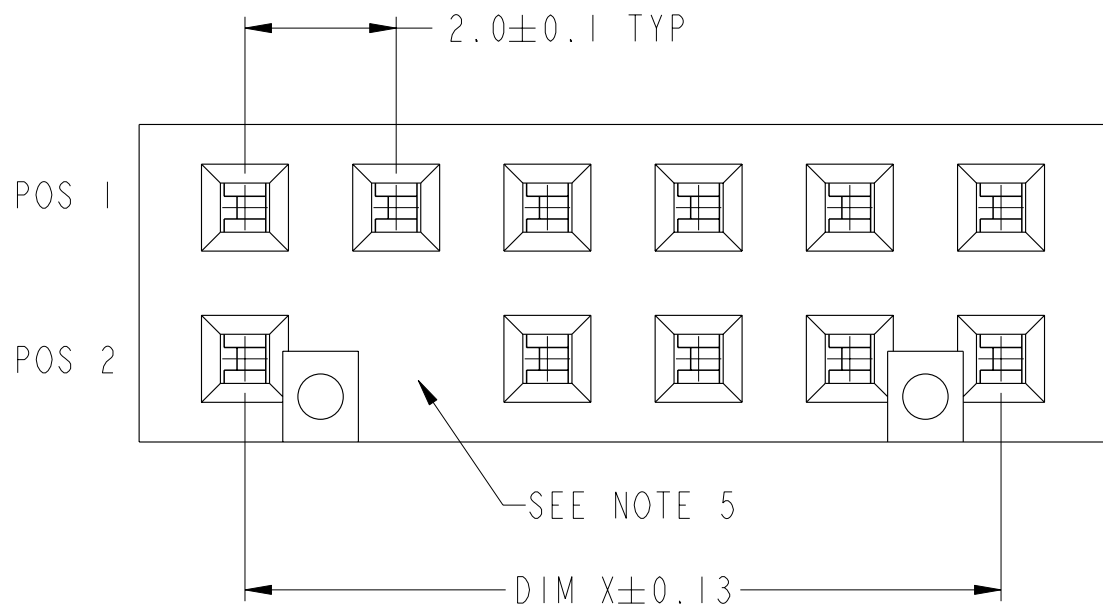




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RECOMMENDED MOUNTING HOLE LAYOUT

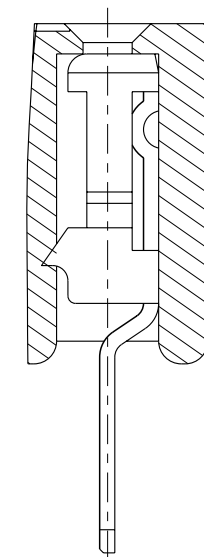
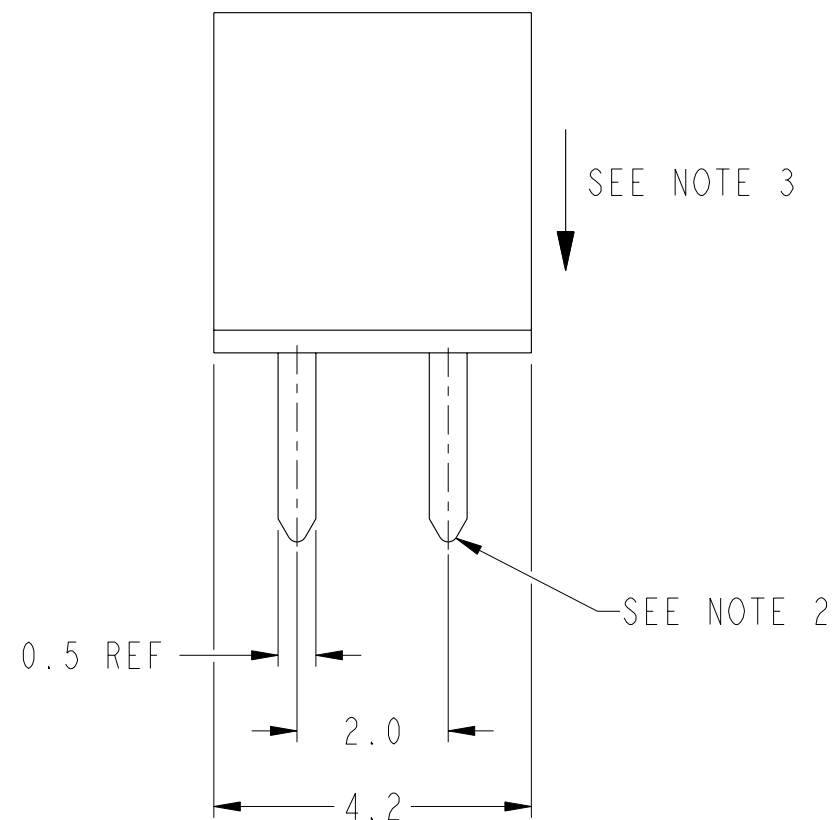
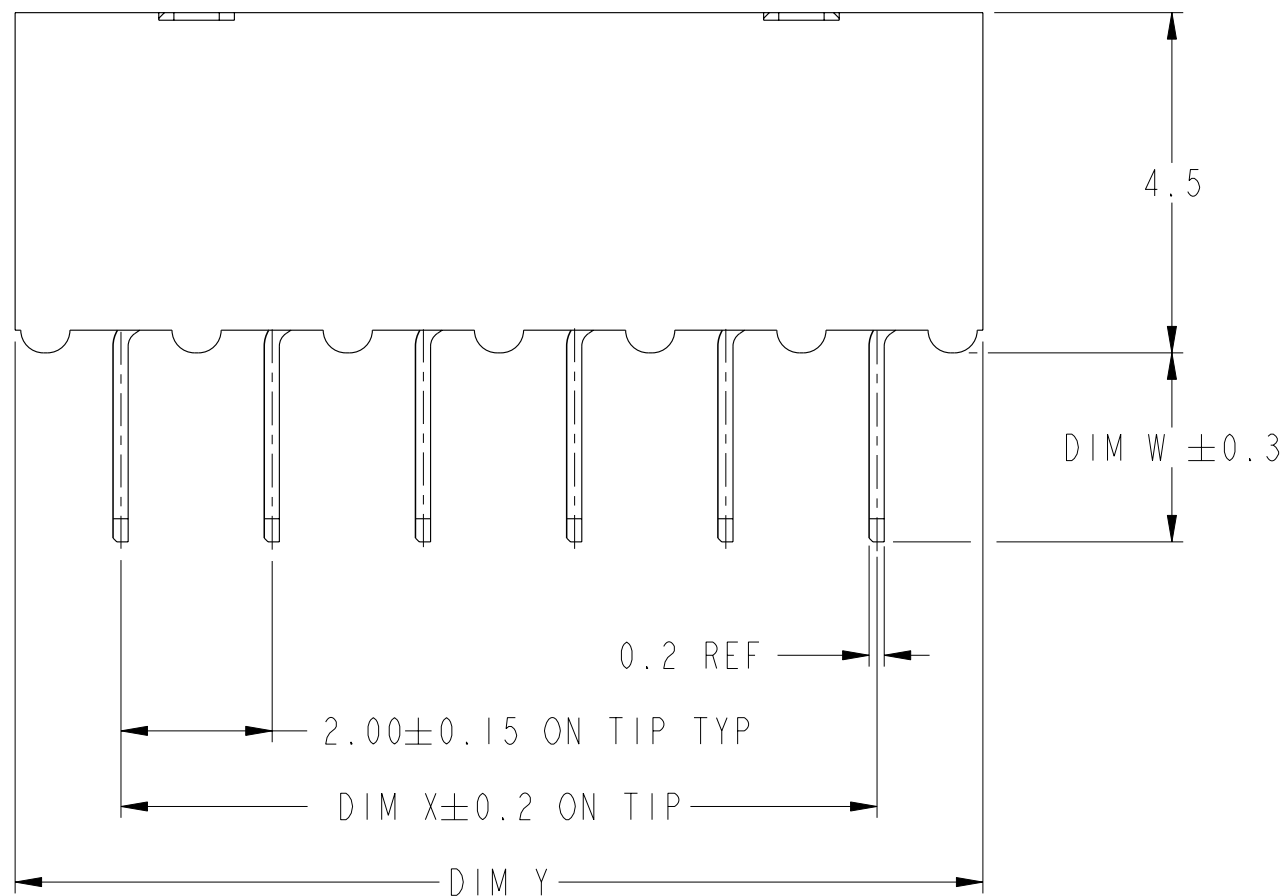


FIG. 1

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rev	ecn no	dr	date
AR	S60138	BSL	1996/06/05
AS	S80166	BSL	1998/07/03
AT	S00100	SCT	2000/05/30
AU	S05-0078	KBM	2005/03/15
AV	S06-0236	KHL	2006/07/17
AW	S10-0205	AK	2010/01/20
-	-	-	-

www.fciconnect.com			surface - <input checked="" type="checkbox"/> ISO 1302	tolerance std ISO 406 ISO 1101	projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	JANET	2000/05/31	ANGULAR	LINEAR	x.x	±-
Eng	JPEH	2000/06/01			x.xx	±0.25
Chr	KH LEE	2010/01/20	0° ±3°		x.xxx	±-
Appr	JOEY NG	2010/01/20	Product family			ECN S10-0205
			MINITEK			Spec ref -
			POLARISED MINITEK II VCC			Rev. AW
			-			
			catalog no			
			-			
			CUSTOMER			sheet 1 of 3



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D

A

B

C

PRODUCT NO NOTE 6	POS	DIM X	DIM Y	DIM W	POL. POS	PLATING
86990-001	2 X 12	22	24.8	2.5	12	0.76µm MIN Au
-002	2 X 5	8	10.8	1.27	3,8	0.76µm MIN Au
-003	2 X 4	6	8.8	1.5	6	0.2µm MIN Au
-004	2 X 8	14	16.8	1.5	10	0.2µm MIN Au
-005	2 X 9	16	18.8	1.5	10	0.2µm MIN Au
-006	2 X 4	6	8.8	1.27	1,6	0.76µm MIN Au
-007	2 X 6	10	12.8	1.27	4	0.76µm MIN Au
-008	2 X 12	22	24.8	1.27	8	0.76µm MIN Au
-009	2 X 6	10	12.8	2.5	10	0.2µm MIN Au
-010	2 X 22	42	44.8	2.5	20	0.2µm MIN Au
-011	2 X 20	38	40.8	1.27	28,40	0.76µm MIN Au
-012	2 X 25	48	50.8	1.27	26	0.76µm MIN Au
-013	2 X 13	24	26.8	1.27	8	0.76µm MIN Au
-014	2 X 22	42	44.8	1.5	20	0.76µm MIN Au
-015	2 X 25	48	50.8	1.27	24,42	0.76µm MIN Au
-016	2 X 25	48	50.8	2.5	26	0.76µm MIN Au
-017	2 X 2	2	4.8	1.27	3	0.38µm MIN Au
-018	2 X 20	38	40.8	1.27	24	0.76µm MIN Au
-019	2 X 15	28	30.8	2.5	20	0.38µm MIN Au
-020	2 X 7	12	14.8	1.27	7	0.76µm MIN Au
-021	2 X 17	32	34.8	1.27	6	0.76µm MIN Au
-022	2 X 3	4	6.8	2.5	4	0.76µm MIN Au
-023	2 X 20	38	40.8	2.5	24	0.76µm MIN Au
-024	2 X 22	42	44.8	1.27	20	0.2µm MIN Au
-025	2 X 25	48	50.8	2.5	25,45,46	0.76µm MIN Au

REV E - 2006-03-28

1

2

3

PDM: Rev:AW

STATUSReleased

Printed: Oct 12, 2010

www.fciconnect.com						surface - ✓ ISO 1302		tolerance std ISO 406 ISO 1101		projection ⊕		MM ↔	
						TOLERANCES UNLESS OTHERWISE SPECIFIED						size A3	
Dr	JANET	2000/05/31	ANGULAR		LINEAR		X.X		±-		ECN S10-0205		
Eng	JPEH	2000/06/01					X.XX		±0.25				
Chr	KH LEE	2010/01/20	0° ±3°				X.XXX		±-				
Appr	JOEY NG	2010/01/20	Product family				MINITEK		Spec ref -				
			POLARISED MINITEK II VCC					dwg no 86990		Rev. AW			
			-										
catalog no							-		CUSTOMER		sheet 2 of 3		

A

B

C

D



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C

D

PRODUCT NO NOTE 6	POS	DIM X	DIM Y	DIM W	POL. POS	PLATING
86990-026	2 X 25	48	50.8	2.5	10	0.2µm MIN Au
-027	2 X 25	48	50.8	2.5	9,10,26	0.2µm MIN Au
-028	2 X 25	48	50.8	1.27	26	0.2µm MIN Au
-029	2 X 22	42	44.8	1.5	20	0.2µm MIN Au
-030	2 X 25	48	50.8	1.27	24,42	0.2µm MIN Au
-031	2 X 3	4	6.8	1.27	4	0.76µm MIN Au
-032	2 X 4	6	8.8	1.27	6	0.76µm MIN Au
-033	2 X 3	4	6.8	1.27	6	0.2µm MIN Au
-034	2 X 25	48	50.8	2.5	9,10,27	0.2µm MIN Au
-035	2 X 5	8	10.8	1.5	8	0.2µm MIN Au
-036	2 X 25	48	50.8	2.5	9,10	0.76µm MIN Au
-037	2 X 25	48	50.8	2.75	9,10	0.76µm MIN Au
-038	2 X 15	28	30.8	2.75	-	0.76µm MIN Au
-039	2 X 15	28	30.8	1.5	8	0.76µm MIN Au
-040	2 X 8	14	16.8	2.5	6,11	0.2µm MIN Au
-041	2 X 2	2	4.8	1.27	3	0.76µm MIN Au
-042	2 X 4	6	8.8	2.0	-	0.38µm MIN Au
-043	2 X 5	8	10.8	2.0	-	0.2µm MIN Au

NOTES:

1. MATERIAL
BODY : GLASS FILLED PBT UL 94V-0 BLACK
TERMINAL: PHOSPHOR BRONZE
PLATING: SELECTIVE GOLD PLATED IN CONTACT AREA (REFER TO TABLE)

2. CUT SURFACE IS UNPLATED
3. TERMINAL RETENTION FORCE 0.5 Kg MIN
4. TOLERANCE UNLESS OTHERWISE NOTED ± 0.25
5. POLARISED POS REFER TO TABLE. SEE FIG.1 FOR SECTIONAL VIEW.
6. PRODUCT DESCRIPTION CODE:

XXXXX-XXXLF

LEAD FREE (SEE NOTES 7 & 9)
EXTENSION NUMBER
BASE NUMBER

7. SOLDER TAIL PLATING:
a) SOLDER TAIL OF P/N:86990-XXX IS TIN/LEAD PLATED.
b) SOLDER TAIL OF P/N:86990-XXXLF IS 100% MATTE TIN PLATED.

8. 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.

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



10. 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
			TOLERANCES UNLESS OTHERWISE SPECIFIED		
Dr	JANET	2000/05/31	ANGULAR	LINEAR	size
Eng	JPEH	2000/06/01			A3
Chr	KH LEE	2010/01/20	0° ±3°		ECN
Appr	JOEY NG	2010/01/20	Product family		MINITEK
			Spec ref		-
FCI			POLARISED MINITEK II VCC		Rev.
			dwg no		86990
			catalog no		-
			CUSTOMER		sheet 3 of 3

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[86990-024](#) [86990-043](#) [86990-024LF](#) [86990-043LF](#) [86990-010](#)