

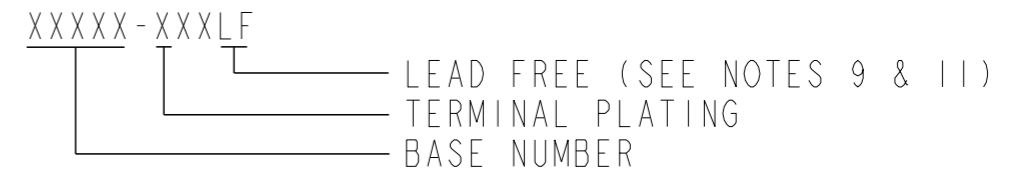
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spec ref	-	dr	Andrew Yong	2010/10/21	projection	MM	size	A3	scale	9:1	
tolerance std	ISO 406 ISO 1101	eng	Guo-Min Sun	2013/09/09			ecn no		ELX-N-15787-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			rel level		Released		
surface	ISO 1302	appr	Rick Bian	2013/09/09	product family		-		-		
	linear				MINITEK II 2.0MM HOLDING HEADER		dwg no 87139		rev AV		
	0.X										±0.50
	0.XX										±0.25
	0.XXX	±0.15	www.fci.com		cat. no.		-		Product - Customer Drw		
	angular	0°	±3°	-		-		-		sheet 1 of 4	

PRODUCT NO	POS	DIM F	DIM G	DIM H	DIM X	DIM Y	POL. POS	
87139-X01	2 X 6	5.6	1.3	4.3	10	12	-	
-X02	2 X 8	5.6	1.3	4.3	14	16	-	
-X03	2 X 9	5.6	1.3	4.3	16	18	-	
-X04	2 X 9	6.3	2.0	4.3	16	18	-	
-X05	2 X 6	6.3	2.0	4.3	10	12	-	
-X06	2 X 3	6.3	2.0	4.3	4	6	-	
-X07	2 X 5	6.3	2.0	4.3	8	10	-	
-X08	2 X 10	6.3	2.0	4.3	18	20	-	
-X09	2 X 1	— — — OBSOLETED — — —						-
-X10	2 X 8	6.3	2.0	4.3	14	16	-	
-X11	2 X 4	6.3	2.0	4.3	6	8	-	
-X12	2 X 6	6.0	2.5	3.5	10	12	-	
-X13	2 X 10	6.5	2.5	4.0	18	20	-	
-X14	2 X 2	6.5	2.5	4.0	2	4	-	
-X15	2 X 2	5.0	1.5	3.5	2	4	-	
-X16	2 X 2	6.3	2.0	4.3	2	4	4	
-X17	2 X 2	6.3	2.0	4.3	2	4	3,4	
-X18	2 X 2	5.0	1.5	3.5	2	4	3,4	
-X19	2 X 2	6.2	2.7	3.5	2	4	-	
-X20	2 X 4	6.5	2.5	4.0	6	8	-	
-X21	2 X 5	6.5	2.5	4.0	8	10	-	
-X22	2 X 3	5.0	1.5	3.5	4	6	-	
-X23	2 X 7	5.8	2.5	3.3	12	14	-	
-X24	2 X 2	6.3	2.0	4.3	2	4	-	
-X25	2 X 8	5.8	2.5	3.3	14	16	-	

NOTES:

- MATERIAL:
BODY : G.F NYLON UL94V-0 BLACK
PIN : PHOSPHOR BRONZE
- TOLERANCE UNLESS OTHERWISE NOTED ± 0.25
- HEADER BODY TO BE REMOVED AFTER SOLDERING
- PIN TO HOUSING RETENTION FORCE 200 gm MAX.
PER PIN AFTER SUBJECTION TO SOLDER TEMPERATURE
AT 260°C FOR 5 sec.
- POLARISED BY OMISSION OF PINS. REFER TO TABLE FOR POL. POS
- DIM 1.0 APPLIES TO MOLDED SIDE(S) ONLY. IF SIDE(S) ARE SAW, DIM 0.5 MIN APPLIES.
- RECESS APPLIES TO MOLDED SIDE(S) ONLY.
- PRODUCT DESCRIPTION CODE :



- P/N: 87139-XXXLF IS SAME AS P/N: 87139-XXX. THE SUFFIX 'LF' IS ADDED JUST FOR EASY LEAD FREE IDENTIFICATION
- 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.

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eng	Guo-Min Sun	2013/09/09			ecn no			
chr	-	-			ELX-N-15787-1			
appr	Rick Bian	2013/09/09	product family	-	rel level			
			MINITEK II		87139		rev	
www.fci.com			2.0MM HOLDING HEADER		AV			
cat. no.			-		Product - Customer Drw		sheet 2 of 4	



1	2		3			4			
PRODUCT NO	POS	DIM F	DIM G	DIM H	DIM X	DIM Y	POL. POS	PLATING	DESCRIPTION
87139-X26	2 X 4	5.0	1.5	3.5	6	8	-	0	0.2um Au
-X27	2 X 3	5.6	2.1	3.5	4	6	-	1	0.76um Au
-X28	2 X 4	5.6	2.1	3.5	6	8	-	2	UNASSINGED
-X29	2 X 2	5.6	2.1	3.5	2	4	-	3	0.38um Au
-X30	2 X 5	5.6	2.1	3.5	8	10	-	4	UNASSINGED
-X31	2 X 2	5.6	2.1	3.5	2	4	2,4	5	0.38um GXT
-X32	2 X 5	6.3	2.0	4.3	8	10	3	6	0.76um GXT
-X33	2 X 8	5.6	2.3	3.3	14	16	-		
-X34	2 X 2	6.2	2.5	3.7	2	4	-		
-X35	2 X 4	6.2	2.5	3.7	6	8	-		
-X36	2 X 4	6.2	2.5	3.7	6	8	2,3,4,6,8		
-X37	2 X 2	6.2	2.5	3.7	2	4	1,2,4		
-X38	2 X 7	6.2	2.5	3.7	12	14	11,12,13		
-X39	2 X 2	3.5	1.5	2.0	2	4	-		
-X40	2 X 5	4.3	1.8	2.5	8	10	-		
-X41	2 X 8	6.0	1.7	4.3	14	16	-		
-X42	2 X 6	6.0	1.7	4.3	10	12	1,3,5,7,9,11		
-X43	2 X 10	4.0	2.0	2.0	18	20	-		
-X44	2 X 2	4.4	1.5	2.9	2	4	-		
-X45	2 X 2	4.4	1.5	2.9	2	4	3,4		
-X46	2 X 10	4.5	2.5	2.0	18	20	-		
-X47	2 X 3	3.5	1.5	2.0	4	6	-		
-X48	2 X 2	3.27	1.27	2.0	2	4	-		
-X49	2 X 3	3.27	1.27	2.0	4	6	-		
-X50	2 X 7	5.6	2.3	3.3	12	14	-		



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eng	Guo-Min Sun	2013/09/09			ecn no	ELX-N-15787-1			
chr	-	-	product family	-	rel level	Released			
appr	Rick Bian	2013/09/09			title	MINITEK II		dwg no	87139
www.fci.com		cat. no.	-		Product - Customer Drw		sheet 3 of 4		

PRODUCT NO	POS	DIM F	DIM G	DIM H	DIM X	DIM Y	POL. POS
87139-X51	2 X 8	5.6	2.3	3.3	14	16	-
-X52	2 X 10	6.3	2.0	4.3	18	20	1, 3, 5, 7, 8, 9, 11, 13, 15, 17, 19
-X53	2 X 9	5.1	1.6	3.5	16	18	7, 8
-X54	2 X 6	3.27	1.27	2.0	10	12	-
-X55	2 X 9	5.0	1.5	3.5	16	18	13
-X56	2 X 3	4.7	1.2	3.5	4	6	-
-X57	2 X 7	5.6	1.3	4.3	12	14	-
-X58	2 X 2	8.0	2.5	5.5	2	4	-
-X59	2 X 6	6.5	2.5	4.0	10	12	-
-X60	2 X 7	6.5	2.5	4.0	12	14	-
-X61	2 X 3	6.0	2.5	3.5	4	6	-
-X62	2 X 4	6.0	2.5	3.5	6	8	-
-X63	2 X 2	6.0	2.5	3.5	2	4	-

spec ref	-	dr	Andrew Yong	2010/10/21	projection	MM	size	A3	scale	9:1
tolerance std	ISO 406 ISO 1101	eng	Guo-Min Sun	2013/09/09			ecn no	ELX-N-15787-1		
surface	<div style="display: flex; align-items: center;"> <div style="font-size: 2em; margin-right: 5px;">✓</div> <div> linear 0.X ±0.50 0.XX ±0.25 0.XXX ±0.15 ISO 1302 angular 0° ±3° </div> </div>	chr	-	apppr			Rick Bian	2013/09/09	product family	-
					title MINITEK II 2.0MM HOLDING HEADER		dwg no 87139	rev AV		
		www.fci.com	cat. no.	-	Product - Customer Drw			sheet 4 of 4		



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