
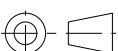




rev	ecn no	dr	date
AN	S60158	BSL	1996-07-03
AP	S60307	BSL	1996-11-29
AR	S80107	BSL	1998-05-13
AS	S05-0039	KBM	2005-02-14
AT	S06-0243	KHL	2006-07-20
AU	S10-0130	AK	2010-06-17
-	-	-	-

www.fciconnect.com			surface - 		tolerance std ISO 1302 ISO 406 ISO 1101						
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	BS LOW	1998-05-13	ANGULAR		LINEAR	0.X	±-	size A3	Scale 10:1		
Eng	BS LOW	1998-05-13				0.XX	±0.25				
Chr	KH LEE	2010-06-17	0°	±-°		0.XXX	±-	ECN		S10-0130	
Appr	JOEY NG	2010-06-17	Product family				MINITEK		Spec ref -		
		title MINITEK II 2.0 mm HOLDING HEADER				dwg no 87139				Rev. AU	
catalog no -				CUSTOMER				sheet 1 of 4			

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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	-

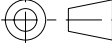
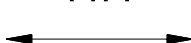

NOTES:

- 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 :

XXXXX-XXXLF
LEAD FREE (SEE NOTES 9 & 11)
TERMINAL PLATING
BASE NUMBER

- 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.
- 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	BS LOW	1998-05-13	ANGULAR	LINEAR	0.X	±-	size	Scale			
Eng	BS LOW	1998-05-13			0.XX	±0.25	A3	6:1			
Chr	KH LEE	2010-06-17			0° ±°	0.XXX	±-	ECN		S10-0130	
Appr	JOEY NG	2010-06-17	Product family				MINITEK	Spec ref -			
		title MINITEK II 2.0 mm HOLDING HEADER				dwg no 87139				Rev.	
										AU	
		catalog no -				CUSTOMER		sheet 2 of 4			

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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	0.2µm Au
-X27	2 X 3	5.6	2.1	3.5	4	6	-					1	0.76µm 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	0.38µm 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	0.38µm GXT
-X32	2 X 5	6.3	2.0	4.3	8	10	3					6	0.76µm 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	-						



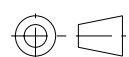

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www.fciconnect.com			surface - 		tolerance std		projection				
			ISO 1302		ISO 406 ISO 1101						
TOLERANCES UNLESS OTHERWISE SPECIFIED											
Dr	BS LOW	1998-05-13	ANGULAR		LINEAR		0.X	±-	size	Scale	
Eng	BS LOW	1998-05-13					0.XX	±0.25	A3	6:1	
Chr	KH LEE	2010-06-17	0°	±-°		0.XXX	±-	ECN S10-0130			
Appr	JOEY NG	2010-06-17	Product family				MINITEK		Spec ref -		
		title MINITEK II 2.0 mm HOLDING HEADER					dwg no 87139				Rev. AU
		catalog no -					CUSTOMER			sheet 3 of 4	



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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	-



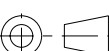


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www.fciconnect.com			surface - ✓ ISO 1302			tolerance std ISO 406 ISO 1101		projection 		MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	BS LOW	1998-05-13	ANGULAR		LINEAR		0.X	±-	size A3	Scale 6:1	
Eng	BS LOW	1998-05-13					0.XX	±0.25			
Chr	KH LEE	2010-06-17	0°	±°			0.XXX	±-	ECN	S10-0130	
Appr	JOEY NG	2010-06-17	Product family					MINITEK		Spec ref -	
		title	MINITEK II 2.0 mm HOLDING HEADER					dwg no 87139		Rev. AU	
			catalog no		-		CUSTOMER		sheet 4 of 4		