

CONFIDENTIAL

matl. code	surface	tolerance	projection	product family
ISO 1302	ISO 406 ISO 1101	ISO 1302	MINITEK	MINITEK
itr	lecn no	dr	date	
R	S05-0277	KHL	2006-09-22	
S	S05-0320	KHL	2006-11-08	
T	S07-0370	KHL	2007-10-29	
U	S08-0087	KHL	2008-03-27	
N	S00021	BSL	2000-01-28	
P	ISO-0248	KBM	2004-11-18	
sheet	revision	U	U	U
index	sheet	1	2	3

PRODUCT NO	PRODUCT NO	POS	POL. POS	DIM X	DIM Y	DIM F	DIM W	PLATING
94278-001	94278-001LF ⑤⑥⑦⑧	2X10	8	18	20	4.0	1.2 ±0.13	0.38um PdNi W Au FLASH OVER Ni
002	002LF	2X4	4	6	8	4.0	1.2 ±0.13	0.38um PdNi W Au FLASH OVER Ni
003	003LF	2X7	4	12	14	4.0	1.2 ±0.13	0.38um PdNi W Au FLASH OVER Ni
004	004LF	2X10	8	18	20	4.0	3.0 ±0.4	0.38um PdNi W Au FLASH OVER Ni
005	005LF	2X6	8	10	12	4.0	3.0 ±0.4	0.76um Au OVER Ni
006	006LF	2X3	4	4	6	4.0	3.0 ±0.4	0.38um PdNi W Au FLASH OVER Ni
007	007LF	2X4	4	6	8	4.0	3.0 ±0.4	0.38um PdNi W Au FLASH OVER Ni
008	008LF	2X13	15	24	26	4.0	3.0 ±0.4	0.38um PdNi W Au FLASH OVER Ni
009	009LF	2X6	10	10	12	4.0	1.2 ±0.13	0.38um PdNi W Au FLASH OVER Ni
010	010LF	2X25	-	48	50	3.0	3.0 ±0.25	0.2um Au OVER Ni
011	011LF	2X22	-	42	44	7.0	3.0 ±0.25	0.2um Au OVER Ni
012	012LF	2X20	-	38	40	4.0	1.4 ±0.13	0.38um PdNi W Au FLASH OVER Ni
013	013LF	2X4	-	6	8	8.0	3.0 ±0.25	0.76um Au OVER Ni
014	014LF	2X22	25	42	44	4.0	3.0 ±0.25	0.2um Au OVER Ni
015	015LF	2X10	-	18	20	4.0	4.3 ±0.25	0.38um PdNi W Au FLASH OVER Ni
016	016LF	2X15	-	28	30	8.0	3.0 ±0.25	0.2um Au OVER Ni
017	017LF	2X25	23,50	48	50	4.0	2.5 ±0.25	0.38um PdNi W Au FLASH OVER Ni
018	018LF	2X3	-	4	6	4.0	1.9 ±0.13	0.38um PdNi W Au FLASH OVER Ni
019	019LF	2X23	1,2,45,46	44	46	4.0	1.2 ±0.13	0.2um Au OVER Ni
020	020LF	2X23	1,2,7,8,9,10,14,17,18,19,20,21,22,26,29,30,31,32,33,34,40,45,46	44	46	4.0	1.2 ±0.13	0.2um Au OVER Ni
021	021LF	2X25	-	48	50	2.2	2.2 ±0.13	0.2um Au OVER Ni (CONTACT) 2.54-5.08um MATTE TIN (SOLDER TAIL) OVER Ni
022	022LF	2X4	-	6	8	9.5	3.0 ±0.25	0.76um Au OVER Ni
023	023LF ⑤⑥⑦⑧	2X25	-	6	8	9.5	3.0 ±0.25	0.76um Au OVER Ni

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ISO 1302		ISO 406 ISO 1101		ISO 1101		ISO 1101		MINITEK	
tolerances unless otherwise specified		tolerances unless otherwise specified		tolerances unless otherwise specified		tolerances unless otherwise specified		MINITEK II	
angles		lineout		scale 1:1		MM		R/A HEADER	
±0.25		±0.25		±0.25		±0.25		sheet 2 of 3 size	
dr		engr		dhr		pppd		94278	
BS LOW		BS LOW		KH LEE		JOEY NG		A	
2000-01-28		2000-01-28		2008-03-27		2008-03-27		Product Customer Drawing	
sheet		revision		sheet		sheet		type	
index		index		index		index		type	

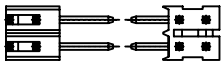
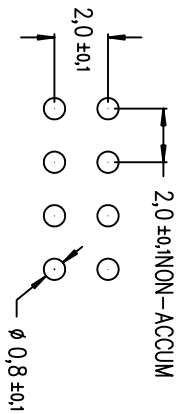



FIG. 1
NOTE 3



RECOMMENDED HOLE LAYOUT

NOTES

- 1 MATERIAL
BODY : HIGH TEMPERATURE PLASTIC UL 94V-0 BLACK
PIN : COPPER ALLOY
- 2 TOLERANCE UNLESS OTHERWISE NOTED ±0.25
- 3 STAND-OFF DESIGN FOR 2X2 POS. REFERS TO FIG. 1.
- 4 POLARISED BY OMISSION OF PINS. REFER TO TABLE FOR POSITION.
- ⑤ 94278-XXXLF IS SAME TO 94278-XXX. THE 'LF' IS ADDED JUST FOR EASY LEAD FREE IDENTIFICATION
- ⑥ THE HOUSING WILL WITHSTAND EXPOSURE TO 255° C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- ⑦ THE HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDERING APPLICATION WITH A 1.57MM MINIMUM THICK CIRCUIT BOARD.
- ⑧ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- ⑨ A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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ISO 1302	ISO 406 ISO 1101	ISO 1101	MINITEK	MINITEK
itr	ecn no	dr	date	title
U				MINITEK II R/A HEADER
	angles	linecut	scale	1:1
		±0.25	MM	
	dr	BS LOW	2000-01-26	dwg no
	engr	BS LOW	2000-01-26	94278
	chr	KH LEE	2008-03-27	sheet 3 of 3
	pppd	JOEY NG	2008-03-27	size
sheet	revision			A
index	sheet			Product Customer Drawing