



spec ref	-			dr	Andrew Yong	2010/10/26	projection	MM	size	A3	scale	5:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Guo-Min Sun	2014/01/15			ecn no		ELX-N-16733-1	
ISO 406				chr	-	product family			MINITEK	rel level		Released
ISO 1101				appr	Rick Bian	2014/03/04	dwg no		90565		rev	T
surface	✓	linear	0.X ± -				POLARISED MINITEK II		Product - Customer Drw		sheet 1 of 3	
ISO 1302	angular	0° ± 3°	VCC HTP				STATUS:Released				Printed: Mar 04, 2014	

PRODUCT NO	POS	DIM X	DIM Y	DIM W	POL. POS	CONTACTING AREA PLATING	MATERIAL
90565-001 NOTE 7	2X25	48	50.8	1.27	5,6	0.38µm MIN Au	PCT BEIGE
-002 NOTE 7	2X3	4	6.8	1.27	6	0.2µm MIN Au	PCT BEIGE
-003 NOTE 7	2X2	2	4.8	1.27	4	0.76µm MIN Au	PCT BEIGE
-004 NOTE 8	2X3	4	6.8	0.9	4	0.76µm MIN Au	PCT BLACK
-005 NOTE 7	2X12	22	24.8	2.5	7	0.2µm MIN Au	PCT BEIGE
-006 NOTE 7	2X22	42	44.8	1.27	20	0.38µm MIN Au	PCT BEIGE
-007 NOTE 7	2X25	48	50.8	2.5	2	0.76µm MIN Au	PCT BEIGE
-008 NOTE 7	2X13	24	26.8	1.27	18	0.76µm MIN Au	PCT BEIGE
-009 NOTE 7	2X4	6	8.8	2.83	-	0.76µm MIN Au	PCT BEIGE
-010 NOTE 7	2X13	24	26.8	1.27	10	0.76µm MIN Au	PCT BEIGE
-011 NOTE 7	2X22	42	44.8	1.5	20	0.2µm MIN Au	PCT BEIGE

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	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-			product family	MINITEK	rel level	Released	
surface	ISO 1302	appr	Rick Bian	2014/03/04	POLARISED MINITEK II		dwg no	90565		rev	T
	linear	0.X	±-		VCC HTP		Product - Customer Drw		sheet 2 of 3		
	angular	0°	±3°		www.fci.com	cat. no.	-	STATUS: Released		Printed: Mar 04, 2014	



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NOTES:

1 MATERIAL

BODY : GLASS FILLED PCT UL 94V-0.REFER TO TABLE FOR & COLOR.
 TERMINAL : PHOSPHOR BRONZE
 CONTACT AREA PLATING : SELECTIVE GOLD PLATED IN CONTACT AREA
 (REFER TO TABLE)

SOLDERTAIL PLATING:

- a) SOLDERTAIL OF P/N:90565-XXX IS TIN/LEAD PLATED.
- b) SOLDERTAIL OF P/N:90565-XXXLF IS 100% MATTE TIN PLATED.

- 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



- ⑦ THE HOUSING WILL WITHSTAND EXPOSURE TO 250°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- ⑧ THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- ⑨ 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.
- ⑩ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

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	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-			product family	MINITEK	rel level	Released	
surface	✓	appr	Rick Bian	2014/03/04	POLARISED MINITEK II		dwg no	90565		rev	T
	ISO 1302				linear	0.X ± -					
						0.XX ±0.25					
						0.XXX ± -					
					angular	0° ±3°					
		www.fci.com		cat. no.	-	Product - Customer Drw		sheet 3 of 3			



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