



PRODUCT NO NOTE 6	POS	DIM X	DIM Y	DIM W	POL. POS	PLATING	
A	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
B	- 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
C	- 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

CONFIDENTIAL

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

PRODUCT NO NOTE 6	POS	DIM X	DIM Y	DIM W	POL. POS	PLATING
A	86990-026	2 X 25	48	50.8	2.5	10
	-027	2 X 25	48	50.8	2.5	9,10,26
	-028	2 X 25	48	50.8	1.27	26
	-029	2 X 22	42	44.8	1.5	20
	-030	2 X 25	48	50.8	1.27	24,42
	-031	2 X 3	4	6.8	1.27	4
	-032	2 X 4	6	8.8	1.27	6
	-033	2 X 3	4	6.8	1.27	6
	-034	2 X 25	48	50.8	2.5	9,10,27
	-035	2 X 5	8	10.8	1.5	8
	-036	2 X 25	48	50.8	2.5	9,10
	-037	2 X 25	48	50.8	2.75	9,10
	-038	2 X 15	28	30.8	2.75	-
	-039	2 X 15	28	30.8	1.5	8
B	-040	2 X 8	14	16.8	2.5	6,11
	-041	2 X 2	2	4.8	1.27	3
	-042	2 X 4	6	8.8	2.0	-
	-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. SOLDERTAIL PLATING:
a) SOLDERTAIL OF P/N:86990-XXX IS TIN/LEAD PLATED.
b) SOLDERTAIL 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.

CONFIDENTIAL

www.fciconnect.com			surface	-	tolerance std	projection	MM	
Dr	JANET	2000/05/31	ISO 1302	✓	ISO 406 ISO 1101			
Eng	JPEH	2000/06/01	ANGULAR	LINEAR	X.X	\pm -	size A3	Scale 10:1
Chr	KH LEE	2010/01/20			X.XX	± 0.25		
Appr	JOEY NG	2010/01/20	Product family	MINITEK	ECN S10-0205	Spec ref	-	
			POLARISED MINITEK II VCC			dwg no	86990	
						Rev.	AW	
			catalog no			CUSTOMER	sheet 3 of 3	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol](#):

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