



rev	ecn no	dr	date
E	S20042	JPEH	2002/04/23
F	S04-0172	JPEH	2004/08/31
G	S04-0224	KBM	2004/10/25
H	S05-0060	KBM	2005/02/28
J	S06-0236	KHL	2005/02/28
K	S10-0205	PR	2009/12/16
-	-	-	-

www.fciconnect.com		surface - /	tolerance std	projection	MM
		ISO 1302	ISO 406 ISO 1101	ISO 1101	
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	JPEH	2002/04/23	ANGULAR	0.X ±	size A3 Scale 10:1
Eng	JPEH	2004/08/31	LINEAR	0.XX ±0.25	
Chr	KH LEE	2009/12/16	0° ±3°	0.XXX ±	ECN S10-0205
Appr	JOEY NG	2009/12/16	Product family	MINITEK	Spec ref -
FCI		POL. MINITEK II		dwg no	61641
		STR HEADER (DUPLEX)		Rev.	K
catalog no		CUSTOMER		sheet 1 of 2	

REV F - 2006-04-11

PRODUCT NO. SEE NOTE 8	POS	DIM A	DIM B	POL. POS	DIM X	DIM Y
61641-X01	2X3	4.0	2.5	3	4	6
-X02	2X22	4.0	2.5	20	42	44
-X03	2X13	4.0	2.5	26	24	26
-X04	2X13	5.27	3.77	26	24	26
-X05	2X16	4.0	2.5	3, 4, 5, 6, 32	30	32

NOTES:

1. MATERIAL:  
BODY : HIGH TEMPERATURE THERMOPLASTIC UL 94V-0 BLACK  
PIN : COPPER ALLOY
2. TOLERANCE UNLESS OTHERWISE NOTED  $\pm 0.25$
- ③ DIM 1.0  $\pm$  0.15 MOLDED SIDE(S) ONLY. IF SIDE(S) ARE BROKEN, DIM 1.5 MAX APPLIES.
- ④ RECESS APPLIES TO MOLDED SIDE(S) ONLY.
- ⑤ PLATING ON MATING LENGTH:  
-3YY --- 0.38 $\mu$ m Au OVER 1.27 $\mu$ m MIN NICKEL UNDERPLATE.  
-5YY --- 0.38 $\mu$ m PdNi WITH Au FLASH OVER 1.27 $\mu$ m MIN NICKEL UNDERPLATE.  
-6YY --- 0.76 $\mu$ m PdNi WITH Au FLASH OVER 1.27 $\mu$ m MIN NICKEL UNDERPLATE.
- ⑥ SOLDER TAIL PLATING:  
a) SOLDER TAIL OF P/N:61641-XXX IS 3.81 $\mu$ m MIN TIN/LEAD (90/10) PLATED OVER 1.27 $\mu$ m MIN NICKEL UNDERPLATE.  
b) SOLDER TAIL OF P/N:61641-XXXLF IS 2.54 $\mu$ m MIN TIN PLATED OVER 1.27 $\mu$ m MIN NICKEL UNDERPLATE (LEADFREE).
- ⑦ POLARISED BY OMISSION OF PINS. REFER TO TABLE FOR POL. POS.

⑧ PART NUMBER INFORMATION

61641-XYLLF



9. THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
10. 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.
- ⑪ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- △K 12. A △K 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 $\checkmark$ ISO 1302	tolerance std ISO 406 ISO 1101	projection MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED		
Dr	JPEH	2002/04/23	ANGULAR	size A3
Eng	JPEH	2004/08/31	LINEAR	Scale 10:1
Chr	KH LEE	2009/12/16	0° ±3°	ECN S10-0205
Appr	JOEY NG	2009/12/16	Product family	MINITEK Spec ref -
FCI		POL. MINITEK II		Rev. K
STR HEADER (DUPLX)		61641		
catalog no		CUSTOMER		sheet 2 of 2

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