



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 <input checked="" type="checkbox"/> ISO 1302	tolerance std ISO 406 ISO 1101	projection <input checked="" type="checkbox"/> <input type="checkbox"/>	MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED		size A3	Scale 10:1
Dr	JPEH	2002/04/23	ANGULAR	0.X	±
Eng	JPEH	2004/08/31	LINEAR	0.XX	±0.25
Chr	KH LEE	2009/12/16	$0^\circ \pm 3^\circ$	0.XXX	±
Appr	JOEY NG	2009/12/16	Product family	MINITEK	Spec ref -
POL. MINITEK II STR HEADER (DUPLEX)				dwg no 61641	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 ± 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 μ m Au OVER 1.27 μ m MIN NICKEL UNDERPLATE.
-5YY --- 0.38 μ m PdNi WITH Au FLASH OVER 1.27 μ m MIN NICKEL UNDERPLATE.
-6YY --- 0.76 μ m PdNi WITH Au FLASH OVER 1.27 μ m MIN NICKEL UNDERPLATE.
- ⑥ SOLDER TAIL PLATING:
a) SOLDER TAIL OF P/N:61641-XXX IS 3.81 μ m MIN TIN/LEAD (90/10) PLATED OVER 1.27 μ m MIN NICKEL UNDERPLATE.
b) SOLDER TAIL OF P/N:61641-XXXLF IS 2.54 μ m MIN TIN PLATED OVER 1.27 μ 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 logo		title POL. MINITEK II STR HEADER (DUPLEX)		Rev. K
catalog no		- CUSTOMER		sheet 2 of 2

REV F - 2006-04-17