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spec ref	dr	Guo-Min Sun	2013/05/13	projection	MM	size	A3	scale	10:1
tolerance std	eng	Guo-Min Sun	2013/07/18		← →	ecn no	ELX-N-14959-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED						product family	rel level	Released	
surface ✓	linear	0.X	±0.50		2.00mm UNSHROUDED HEADER BOARD TO BOARD (PIN IN PASTE)	dwg no	10121035	rev	C
		0.XX	±0.25						
		0.XXX	±0.15						
	angular	0°	±3°	www.fci.com	cat. no.	Product - Customer Drw		sheet 1 of 2	

PRODUCT NUMBER DESCRIPTION:

10121035 - X XX X XXX LF

PLATING

- S = 0.38um GOLD ON CONTACT AREA
0.38um GOLD ON TAIL
- G = 0.76um GOLD ON CONTACT AREA
0.76um GOLD ON TAIL
- F = 0.20um GOLD ON CONTACT AREA
0.20um GOLD ON TAIL
- T = 0.76um GOLD ON CONTACT AREA
2.54um 100% MATTE TIN ON TAIL

- LEAD FREE
- STACK HEIGHT (SEE NOTE 6)
- PACKAGING: - = BAGS
(SEE NOTE 5) U = TUBES
P = TUBE WITH PICK-UP CAP
A = TAPE & REEL WITH PICK-UP CAP
- POSITIONS PER ROW (02 TO 25)

NOTES:

1. MATERIAL HOUSING: HIGH TEMPERATURE THERMOPLASTIC
UL 94V-0, COLOR BLACK
2. MATERIAL TERMINAL: COPPER ALLOY
3. TO DETERMINE DIMENSIONS:
N=NUMBER OF POSITIONS PER ROW
EX.: 10 POS., N x 2.00 = 20.00 TOTAL POSITIONS
4. 0.2kg MIN. PIN RETENTION IN EITHER DIRECTION.
5. PACKAGING;
(A) STANDARD PACKAGING: IN POLY BAGS.
(B) SPECIAL PACKAGING: IN TUBE OR TAPE AND REEL.
FOR TUBE AN OPTIONAL PICK-UP CAP IS PROVIDED AT THE CENTER OF THE PRODUCT FOR PICK AND PLACE APPLICATIONS. PICK-UP CAP IS STANDARD IN TAPE AND REEL.
FOR ALL SPECIAL PACKAGING,FCI MUST BE CONTACTED FOR AVAILABILITY IN SIZE REQUESTED.
6. STACK HEIGHT IS DETERMINED BY CUSTOMER APPLICATION REQUIREMENTS. SPECIFIED IN mm. EXAMPLE: 3.7mm STACK HEIGHT=10121035-XXXXXX037XLF.
7. POST LENGTH IS DETERMINED BY: (OAL)-(1.50)-(STACK HGT.)=POST LENGTH. MINIMUM MATING LENGTH TO BE 2.0mm
8. DIM 1.0 APPLIES TO MOLDED SIDE(S) ONLY. IF SIDE(S) ARE BROKEN, DIM 1.5 MAX APPLIES.
9. OMIT FROM PRODUCT NUMBER IF FEATURE IS NOT APPLICABLE.
10. THE HOUSING WILL WITHSTAND EXPOSURE TO 255~C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
11. 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.
12. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

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eng	Guo-Min Sun	2013/07/18			ecn no	ELX-N-14959-1		
chr	-	-			rel level	Released		
appr	Rick Bian	2013/07/22	product family	-				
		2.00mm UNSHROUDED HEADER BOARD TO BOARD (PIN IN PASTE)		cat. no.	10121035		rev	C
www.fci.com		-		Product - Customer Drw			sheet 2 of 2	



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