



## DETAIL PRODUCT NUMBER

## PRODUCT NUMBER DESCRIPTION:

59202 - X XX - XX - XXXLF

LEAD FREE.  
SEE NOTE 9PLATING  
S=0.38um GOLD  
ON CONTACT AREA  
0.38um GOLD  
ON TAILG=0.76um GOLD  
ON CONTACT AREA  
0.76um GOLD  
ON TAILF=0.20um GOLD  
ON CONTACT AREA  
0.20um GOLD  
ON TAILT=0.76um GOLD ON CONTACT AREA  
2.54um 100% MATTE TIN  
ON TAILK=0.76um GXT ON CONTACT AREA  
2.54um 100% MATTE TIN  
ON TAILH=GOLD FLASH ON CONTACT AREA  
2.54um 100% MATTE TIN  
ON TAILPACKAGING: - = STANDARD  
(SEE NOTE 5) U = TUBE  
P = TUBE WITH PICK-UP CAP  
A = TAPE & REEL WITH  
PICK-UP CAPPOSITIONS PER ROW = "N"  
(02 to 25)

PIN STYLE	OAL
22	06.5
24	07.9
26	08.5
28	10.1
30	11.9
32	12.4
34	13.9
36	15.5
38	17.4
40	19.4

3. TO DETERMINE DIMENSIONS:  
N = NUMBER OF POSITIONS PER ROW.  
EX. :10 POS., N x 2.00 = 20.00 TOTAL POSITIONS.
4. 0.9Kg 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  
IN 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: 4.7 mm STACK HEIGHT= 59202-XXX-XX-047.  
MINIMUM STACK HEIGHT IS 4.00mm.
7. POST LENGTH IS DETERMINED BY: (OAL)-(STACK HGT.)=POST LGTH.  
MINIMUM MATING LENGTH 2.0mm.
8. DIM 1.0 APPLIES TO MOLDED SIDE(S) ONLY. IF  
SIDE(S) ARE BROKEN, DIM 1.5 MAX APPLIES.
9. P/N:59202-XXXLF IS SAME AS 59202-XXX. THE SUFFIX 'LF'  
IS ADDED JUST FOR EASY LEAD FREE IDENTIFICATION.
10. THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK  
TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED  
OR VAPOR PHASE REFLOW OVEN.
12. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND  
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

## NOTES:

1. MATERIAL HOUSING: HIGH TEMPERATURE THERMOPLASTIC.  
UL 94V-0, COLOR BLACK.

2. MATERIAL TERMINAL: COPPER ALLOY.

dr	w wadmin	2010/11/01	projection	MM	size	scale		
eng	Guo-Min Sun	2013/07/11						
chr	-	-	product family	MINITEK	rel level	Released		
appr	Rick Bian	2013/07/11						
F C I	2.00MM UNSHROUDED HEADER			dwg no	59202	rev K		
	BOARD TO BOARD SMT							
www.fci.com			cat. no.	Product - Customer Drw				
Pro/E File - REV C - 2009-06-09			3	PDS: Rev :K				
Printed: Jul 11, 2013			4	STATUS:Released				