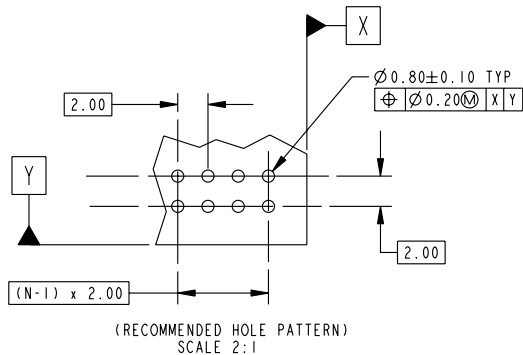
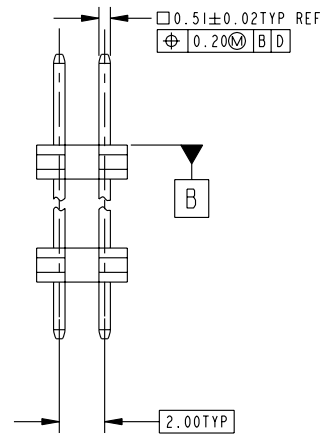
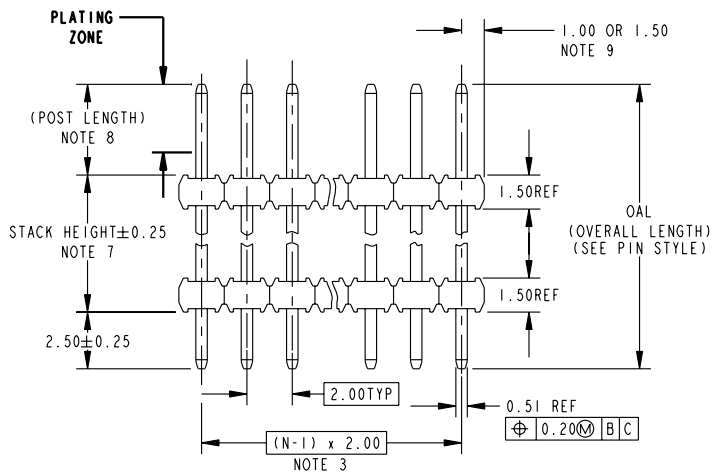
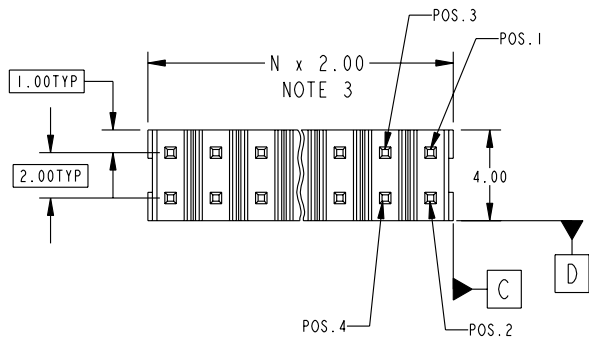


PRODUCT NUMBER

59112-001



rev	ecn no	dr	date
F	S05-0182	KHL	2005-07-01
G	S06-0236	KHL	2006-07-17
H	S06-0328	KHL	2006-09-29
J	S07-0251	KHL	2007-07-16
-	-	-	-

www.fciconnect.com		surface <input checked="" type="checkbox"/>	tolerance std	projection	MM
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	T. BRUNGARD	1999-04-05	ANGULAR	0.X	±0.5
Eng	D. JOHnescu	1999-04-06	LINEAR	0.XX	±0.25
Chr	LEE KH	2007-07-16	0°	0.XXX	±0.150
Appr	JOEY NG	2007-07-16	Product family		MINITEK
				size	A4
				Scale	3:1
				ECN	S07-0251
				Spec ref	
FCI			2.00mm UNSHROUDED HEADER		dwg no
			BOARD TO BOARD THRU-HOLE		59112
			catalog no	CUSTOMER	Rev. J
					sheet 1 of 2



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PRODUCT NUMBER

59112-001

PRODUCT NUMBER DESCRIPTION:

59112 - X XX - XX - XXX XLF

PLATING

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

PIN STYLE	OAL
22	08.2
24	09.6
26	10.2
28	11.8
30	13.5
32	14.1
34	15.6
36	17.1
38	19.1
40	21.1

- LEAD FREE ⑩
- RETENTION (NOTES 6,10)
R: RETENTIVE LEG
- STACKER HEIGHT (NOTE 7)
- PACKAGING: - = BAGS (NOTE 5)
U = TUBES
P = TUBE WITH PICK-UP CAP
A = TAPE & REEL WITH PICK-UP CAP
- POSITIONS PER ROW = "N"
(02 to 25)

OMIT FROM PRODUCT NUMBER FOR LEAD FREE WITH RETENTIVE LEG PRODUCT

- ⑩. P/N:59112-XXXLF IS SAME AS P/N:59112-XXX. THE SUFFIX 'LF' IS ADDED FOR EASY LEAD FREE IDENTIFICATION.
- 12. THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- 13. 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.
- 14. 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
- 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 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. RETENTION LEG:
2.3kg MAX INSERTION FORCE AND 1kg MIN RETENTION FORCE PER RETENTIVE PIN USING 1.57 THICK CIRCUIT BOARD AND RECOMMENDED RECOMMENDED HOLE PATTERN. RETENTIVE LOCATION AT THE DISCRETION OF THE MANUFACTURER. RETENTION IS TWO PINS PER PART ADJACENT TO ONE ANOTHER.
- ⑦. STACK HEIGHT IS DETERMINED BY CUSTOMER APPLICATION REQUIREMENTS. SPECIFIED IN mm. EXAMPLE: 3.7mm STACK HEIGHT-59112-XXX-037X.
- ⑧. POST LENGTH IS DETERMINED BY: (OAL)-(2.50)-(STACK HGT.) = POST LENGTH. MINIMUM MATING LGTH. TO BE 2.0mm.
- ⑨. DIM 1.0 APPLIES TO MOLDED SIDE(S) ONLY. IF SIDE(S) ARE BROKEN, DIM 1.5 MAX APPLIES.
- ⑩. OMIT FROM PRODUCT NUMBER IF FEATURE IS NOT APPLICABLE.



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title 2.00mm UNSHROUDED HEADER BOARD TO BOARD THRU-HOLE catalog no	dwg no 59112	Rev.
		J
CUSTOMER		sheet 2 of 2