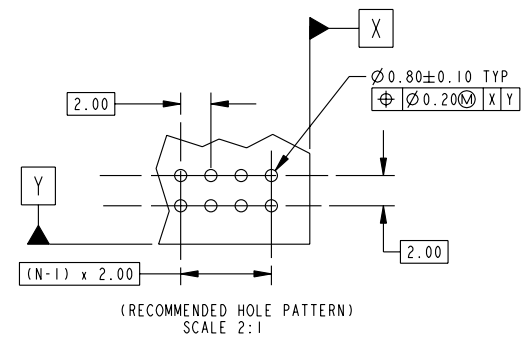
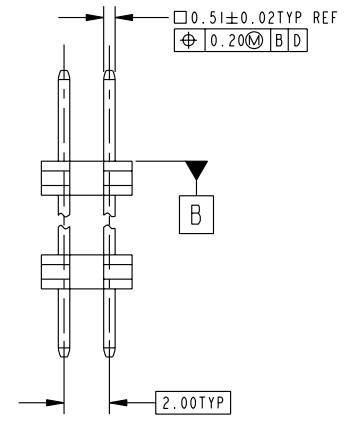
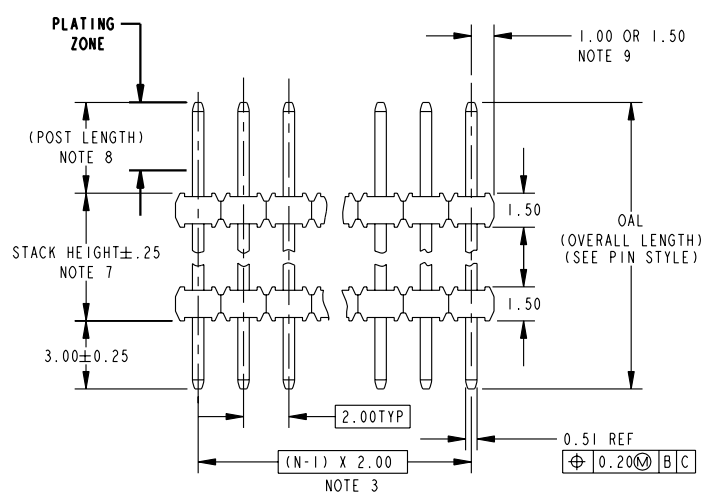
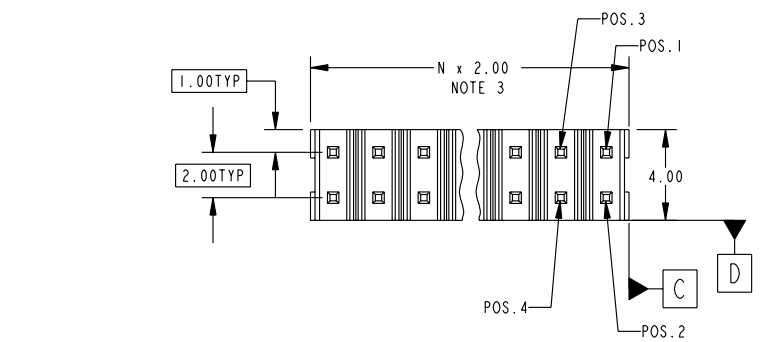




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rev	ecn no	dr	date
E	S05-0062	KBM	2005-02-28
F	S06-0236	KHL	2006-07-17
G	S06-0328	KHL	2006-09-29
H	S07-0251	KHL	2007-07-16
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface 		tolerance std		projection 		 MM				
			TOLERANCES UNLESS OTHERWISE SPECIFIED										
Dr	T. BRUNGARD	1999-04-06	ANGULAR	LINEAR	0.X	±0.5	size A4	Scale 3:1					
Eng	D. JOHNESCU	1999-04-06			0.XX	±0.25							
Chr	KH LEE	2007-07-16			0.XXX	±0.150							
Appr	JOEY NG	2007-07-16	0°	±3°	ECN		S07-0251						
			Product family				MINITEK		Spec ref				
			title				2.00mm UNSHROUDED HEADER				dwg no	59132	Rev. H
							BOARD TO BOARD THRU-HOLE						
			catalog no				CUSTOMER						

PRODUCT NUMBER DESCRIPTION:

59132 - 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

LEAD FREE ⑩

RETENTION (NOTES 6,10)
R: RETENTIVE LEG

STACKER HEIGHT (NOTE 7)

PACKAGING: - = BAGS
(NOTE 5) U = TUBES

POSITIONS PER ROW = "N"
(02 to 25)

OMIT FROM PRODUCT NUMBER FOR
LEAD FREE WITH RETENTIVE LEG PRODUCT

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
42	18.0

NOTES:

- MATERIAL HOUSING: HIGH TEMPERATURE THERMOPLASTIC
UL 94V-0, COLOR BLACK
- MATERIAL TERMINAL: COPPER ALLOY
- TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW
EX.: 10 POS., N x 2.00 = 20.00 TOTAL POSITIONS
- 0.9kg MIN. PIN RETENTION IN EITHER DIRECTION.
- PACKAGING:
(A) STANDARD PACKAGING: IN POLY BAGS.
(B) SPECIAL PACKAGING: IN TUBE.
FOR ALL SPECIAL PACKAGING, FCI MUST BE
CONTACTED FOR AVAILABILITY SIZE REQUESTED.
- RETENTION LEG:
2.3kg MAX INSERTION FORCE AND 1kg MIN RETENTION
FORCE PER RETENTIVE PIN USING 1.57 THICK CIRCUIT
BOARD AND RECOMMENDED HOLE PATTERN. RETENTIVE
LOCATION AT THE DISCRETION OF THE MANUFACTURER.
RETENTION IS TWO PINS PER PART ADJACENT TO ONE
ANOTHER.
- STACK HEIGHT IS DETERMINED BY CUSTOMER APPLICATION
REQUIREMENTS. SPECIFIED IN mm.
EXAMPLE: 3.7mm STACK HEIGHT=59132-XXX-XX-037X.
- POST LENGTH IS DETERMINED BY: (OAL)-(3.00)-(STACK HGT.)
=POST LENGTH. MINIMUM MATING LENGTH TO BE 2.0mm.
- DIM 1.0 APPLIES TO MOLDED SIDE(S) ONLY. IF SIDE(S) ARE
BROKEN, DIM 1.5 MAX APPLIES.
- OMIT FROM PRODUCT NUMBER IF FEATURE IS NOT APPLICABLE.

- P/N:59132-XXXLF IS SAME AS P/N:59132-XXX. THE SUFFIX 'LF'
IS ADDED FOR EASY LEAD FREE IDENTIFICATION.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK
TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED
OR VAPOR PHASE REFLOW OVEN.
- 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.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.



title 2.00mm UNSHROUDED HEADER
BOARD TO BOARD THRU-HOLE
catalog no

dwg no 59132

Rev. H

CUSTOMER sheet 2 of 2