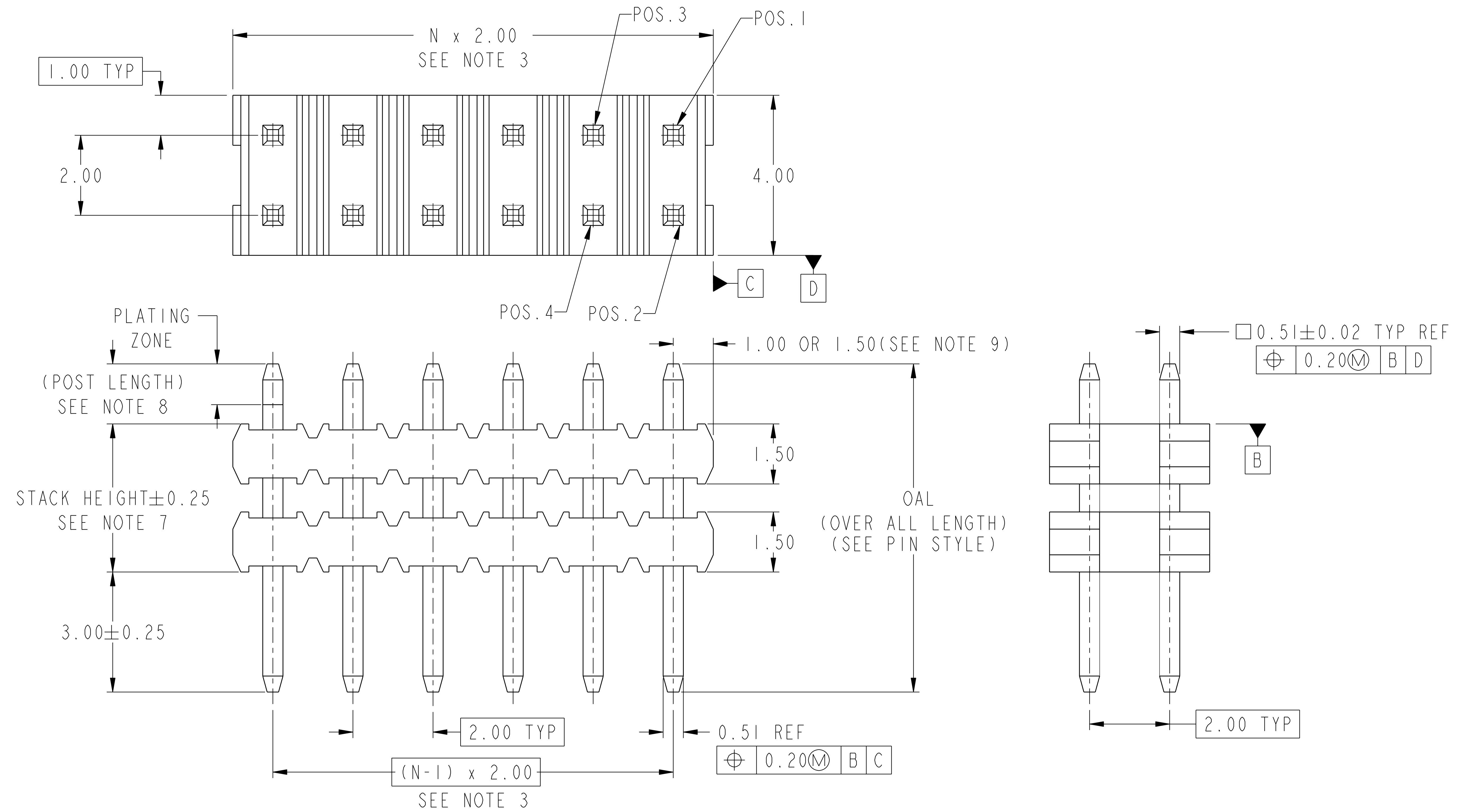

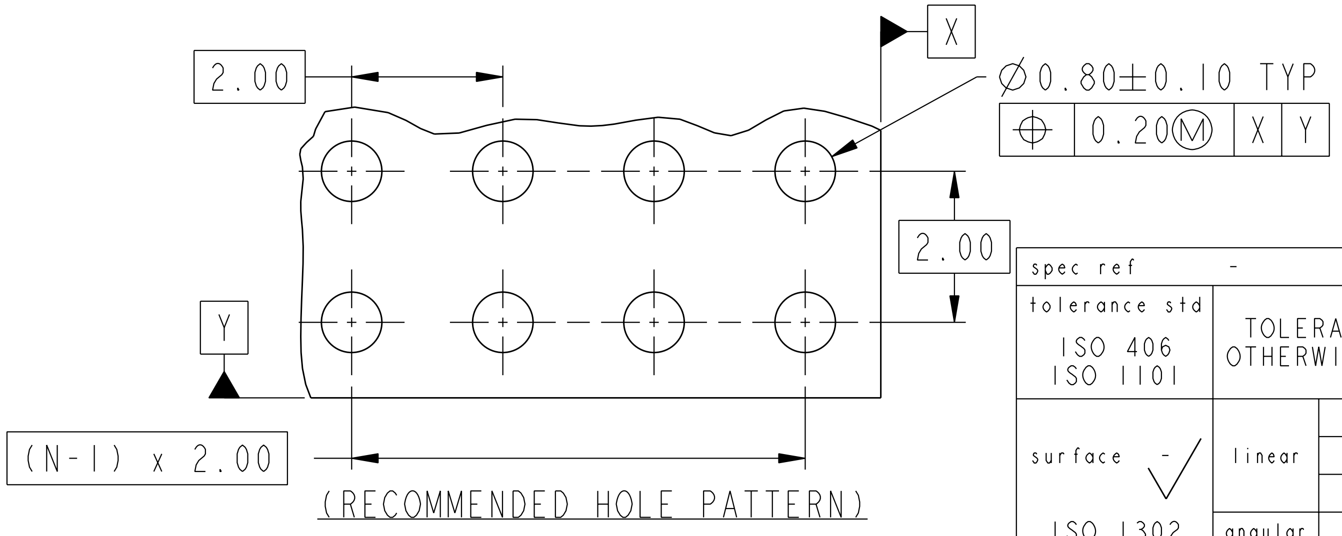

(RECOMMENDED HOLE PATTERN)

spec ref	-		
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		
surface - ✓ ISO 1302	linear	0.X	±0.5
		0.XX	±0.25
		0.XXX	±0.150
	angular	0°	±3°

dr	w wcadmin	2010/10/31
eng	Guo-Min Sun	2014/10/29
chr	-	-
appr	Feagle Pan	2014/10/29

projection

MM

size A3

scale 10:1

ecn no ELX-N-19241-1

product family MINITEK

rel level **Released**

www.fci.com

title 2.0MM UNSHROUDED HEADER
BOARD TO BOARD THRU-HOLE

dwg no 59132

rev **K**

cat. no. -

Product - Customer Drw

sheet 1 of 2

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PDS: Rev :K

STATUS:Released

Printed: Nov 04, 2014

PRODUCT NUMBER DESCRIPTION :

59132- X XX - XX - XXX XLF

- X: 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
  - H = GOLD FLASH ON CONTACT AREA
    2.54µm 100% MATTE TIN ON TAIL
- XX: PIN STYLE

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

- -: OMIT FROM PRODUCT NUMBER FOR LEAD FREE WITH RETENTIVE LEG PRODUCT
- XX: POSITIONS PER ROW = "N" (02 TO 25)
- -: PACKAGING: - = BAGS
  (SEE NOTE 5) U = TUBES
- XXX: STACKER HEIGHT (SEE NOTE 7)
- X: RETENTION (SEE NOTES 6 & 10)
  R: RETENTIVE LEG
- LF: LEAD FREE (SEE NOTE 11)

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.
   FOR ALL SPECIAL PACKAGING,FCI MUST BE CONTACTED FOR AVAILABILITY IN SIZE REQUESTED.

⑥ RETENTION LEG:
2.3kg MAX INSERTION FORCE AND 1 kg 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.

⑦ STACK HEIGHT IS DETERMINED BY CUSTOMER APPLICATION REQUIREMENTS. SPECIFIED IN mm.
EXAMPLE: 3.7mm STACK HEIGHT=59132-XXX-XX-037X.

⑧ POST LENGTH IS DETERMINED BY: (OAL)-(3.00)-(STACK HGT.)
=POST LENGTH.MINIMUM MATING LENGTH 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.

⑪. P/N:59132-XXXLF IS SAME AS P/N:59132-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.

15. A △K SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

dr	w wcadmin	2010/10/31	projection	MM	size A3 / scale 5:1
eng	Guo-Min Sun	2014/10/29			
chr	-	-			ecn no ELX-N-19241-1
appr	Feagle Pan	2014/10/29	product family MINITEK		rel level **Released**
www.fci.com	title 2.0MM UNSHROUDED HEADER BOARD TO BOARD THRU-HOLE		dwg no 59132		rev **K**
	cat. no. -		Product - Customer Drw		sheet 2 of 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

59132-T40-24-140LF 59132-T40-16-145LF 59132-G36-10-105LF 59132-S26-08-040LF