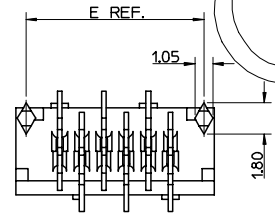


CIRCUIT No.1

AREA OF SELECTIVE GOLD
SEE NOTE 2



DETAIL 1
Scale 10:1

0.00^{+0.10}₋₀
SEE NOTE 7

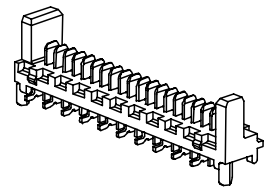
SEE NOTE 6

91820-****

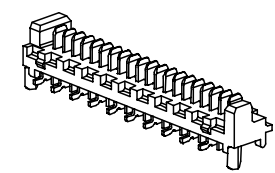
CIRCUIT SIZE
04 TO 26 (4 TO 26CKT)

PCB PEGS	TUBE PACKED	TAPE & REEL PACKED	DIM D	VERSION
0 YES	YES	NO	6.40	STANDARD HEADER
2 YES	NO	YES		
3 NO	YES	NO		
5 NO	NO	YES	4.10	LOW-PROFILE HEADER
6 NO	YES	NO		
7 NO	NO	YES		
8 YES	YES	NO	4.10	LOW-PROFILE HEADER
9 YES	NO	YES		

0 - TIN VERSION
3 - GOLD VERSION



STANDARD HEADER
Scale 3:1



LOW-PROFILE HEADER
Scale 3:1

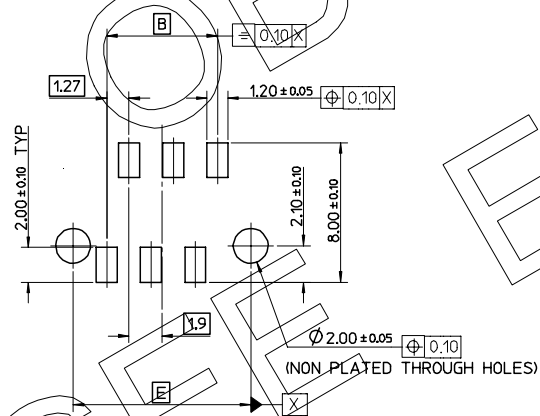
NOTES:

- MATERIALS:
HOUSING: PCT 30% GLASS FILL, UL94 V-0, COLOUR: BLACK.
TERMINAL: CARTRIDGE BRASS 0.28 REF. THICK.
- PLATING:
TIN VERSION: 3um TIN MIN. OVER NICKEL.
GOLD VERSION: 0.76um SELECTIVE GOLD MIN. AND 0.10um GOLD FLASH MIN. OVER NICKEL.
- CONFORMS TO PRODUCT SPECIFICATION PS-99020-0011.
- FOR TAPE AND REEL PACKAGING SEE PK-91820-001.
- FOR TUBE PACKAGING SEE PK-91820-002.
- PCB PEGS ARE OPTIONAL.
- ALL SMT TAILS LIE WITHIN A COPLANARITY BAND OF 0.00 TO 0.10.
- COLOUR VARIATION MAY BE VISIBLE ON THE HOUSING SURFACES.
- MATES WITH MOLEX 90327 & 91935 SERIES.
- RECOMMENDED PCB LAYOUT SHOWN ON SHEET 2.

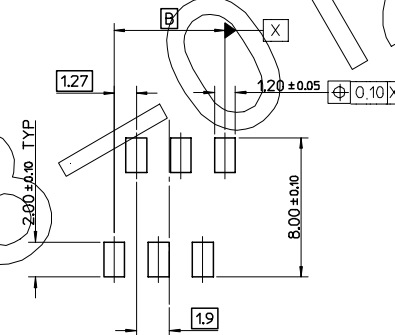
OBSOLETE EC NO: E2008-0123 DRAWN: JDENNEHY 2007/10/04 CHKD: DMORTARTY 2007/10/02 APPR: JDENNEHY 2007/10/03	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY GMC SWEENEY	DATE 2005/07/14	TITLE PICO FLEX SMT HEADER ASSEMBLY ROHS COMPATIBLE MOLEX INCORPORATED	
			4 PLACES	± ---	± ---	CHECKED BY JDENNEHY	DATE 2005/07/15		
			3 PLACES	± ---	± ---				
			2 PLACES	± 0.15	± ---				
			1 PLACE	± 0.25	± ---	APPROVED BY JDENNEHY	DATE 2005/07/15	 MOLEX INCORPORATED	
			ANGULAR ± 5 °		MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-91820-001		1 OF 2		
REV	SIZE A2 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

Figure 1: A detailed technical drawing of a mechanical part. The part is a rectangular plate with a width of 8.00 ± 0.10 and a height of 2.00 ± 0.10 . It features two circular holes, each with a diameter of $\varnothing 1.75 \pm 0.05$ and a positional tolerance of $\oplus 0.10$. The holes are spaced 2.10 ± 0.10 apart vertically. The part has several rectangular features and slots, with dimensions and tolerances specified for each. Key dimensions include a total width of 1.27 , a slot width of 1.20 ± 0.05 , and a slot depth of 1.9 . The part is labeled with 'B' and 'F' at the top and bottom, and 'E' and 'X' at the bottom right. The text '(NON PLATED THROUGH HOLES)' is written below the holes.

HEADER VERSIONS 91820-#0**/ -#2**/ -#8**/ -#9**,
VIEWED FROM COMPONENT SIDE.



HEADER VERSIONS 91820-00**/ -02**/ -08**/ -09**,
VIEWED FROM COMPONENT SIDE.
PCB THICKNESS = 1.60±0.14



HEADER VERSIONS 91820-~~*3**~~/ -~~*5**~~/ -~~*6**~~/ -~~*7**~~,
VIEWED FROM COMPONENT SIDE.
PCB THICKNESS = 1.60±0.14

ib_frame_A2_P_AM_T
Rev. D 2004/06/28