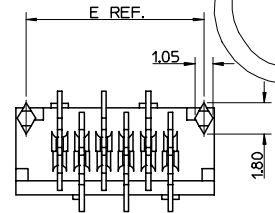


CIRCUIT No.1

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		
9 YES	NO	YES		

0 - TIN VERSION
3 - GOLD VERSION

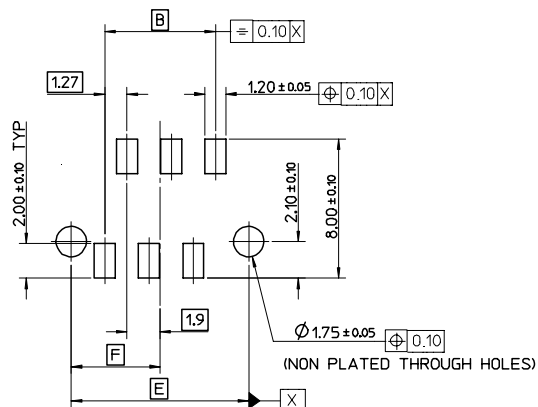
NOTES:

- 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.

STANDARD HEADER
Scale 3:1

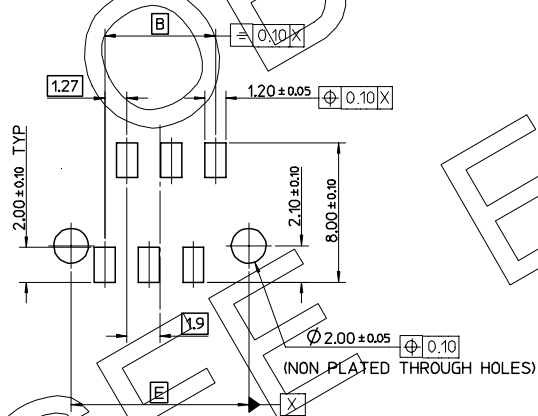
LOW-PROFILE HEADER
Scale 3:1

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



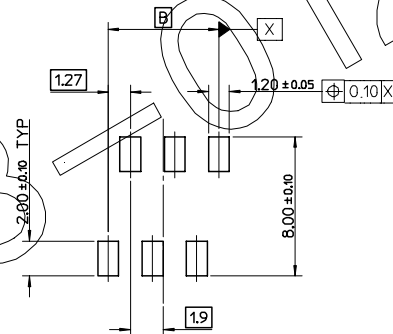
RECOMMENDED PCB LAYOUT FOR TRANSITION FIT WITH PCB PEGS:

HEADER VERSIONS 91820-***0/ -***2/ -***8/ -***9**,
VIEWED FROM COMPONENT SIDE.
PCB THICKNESS = 1.60±0.14



RECOMMENDED PCB LAYOUT FOR CLEARANCE FIT WITH PCB PEGS:

HEADER VERSIONS 91820-***0/ -***2/ -***8/ -***9**,
VIEWED FROM COMPONENT SIDE.
PCB THICKNESS = 1.60±0.14



RECOMMENDED PCB LAYOUT FOR HEADERS WITHOUT PCB PEGS:

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

PART NUMBER	NUMBER OF CIRCUITS	DIM B	DIM E	DIM F
91820-***04	4	3.81	7.66	3.83
91820-***06	6	6.35	10.20	5.10
91820-***08	8	8.89	12.74	6.37
91820-***10	10	11.43	15.28	7.64
91820-***12	12	13.97	17.82	8.91
91820-***14	14	16.51	20.36	10.18
91820-***16	16	19.05	22.90	11.45
91820-***18	18	21.59	25.44	12.72
91820-***20	20	24.13	27.98	13.99
91820-***22	22	26.67	30.52	15.26
91820-***24	24	29.21	33.06	16.53
91820-***26	26	31.75	35.60	17.80

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