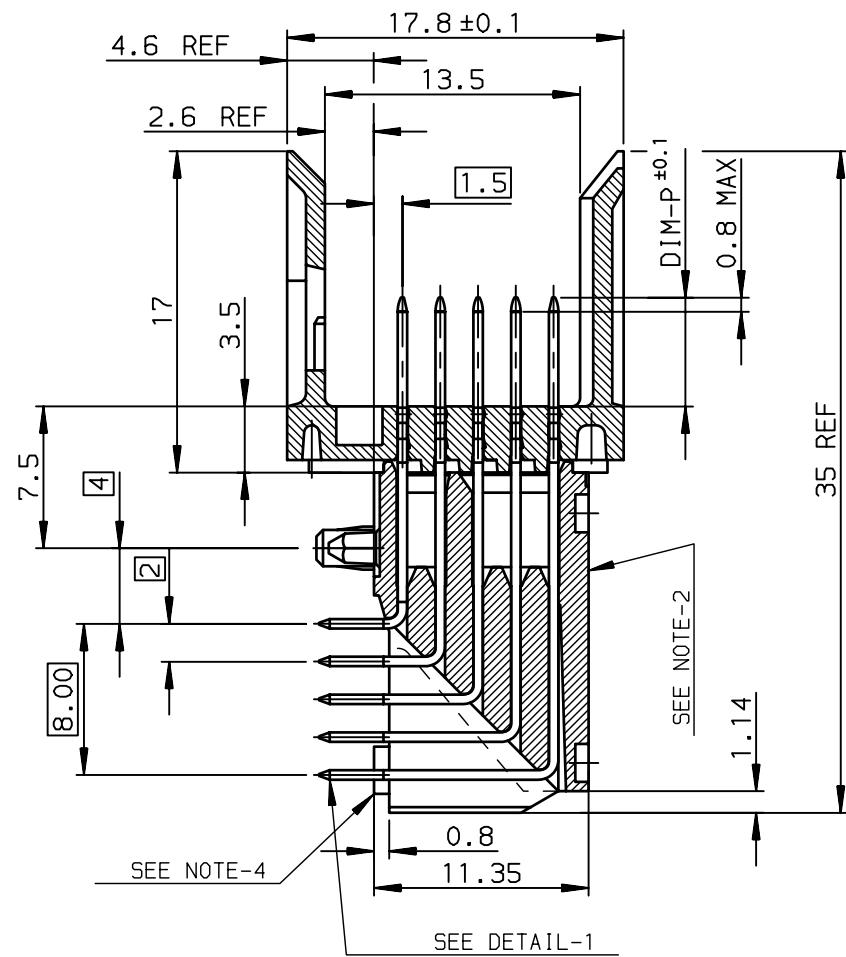


A

B

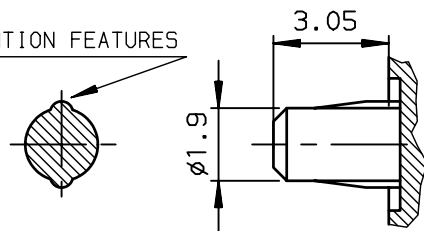
C

D

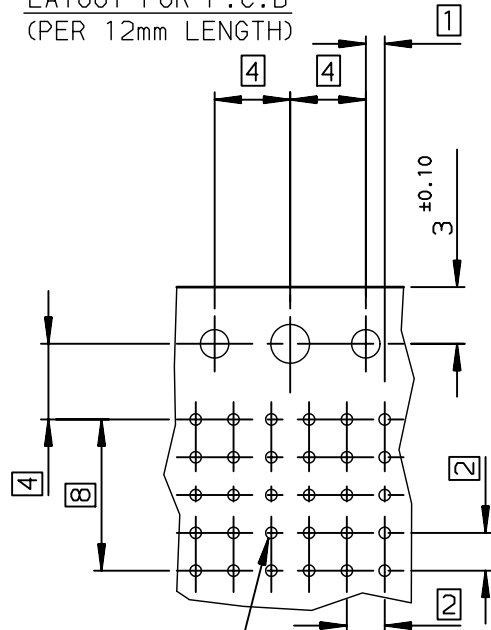


DETAIL OF FORCE-FIT PEGS

RETENTION FEATURES

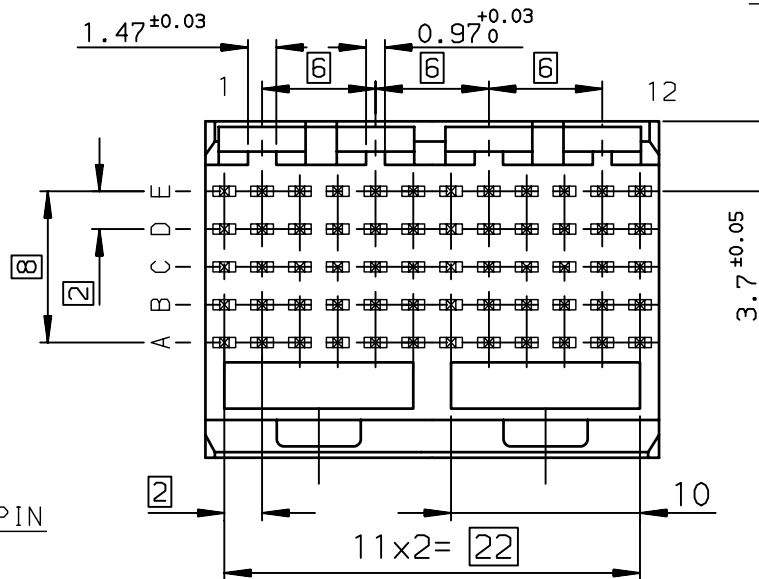
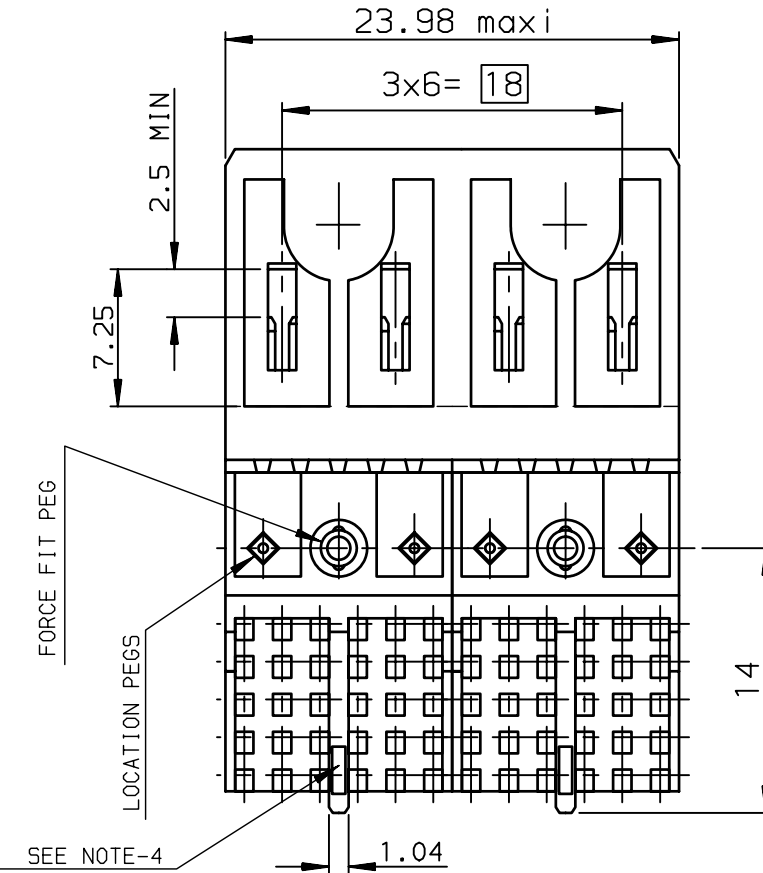


LAYOUT FOR P.C.B  
(PER 12mm LENGTH)

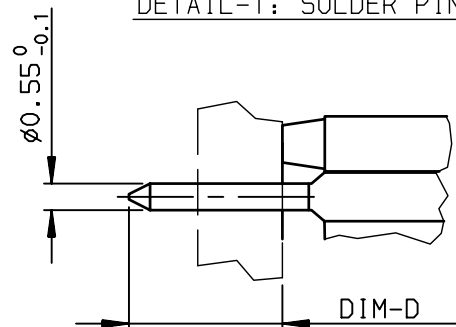


Hole according to product spec  
65-12-445 (For press-fit),  
65-12-446 (For STB)

REV F - 2006-04-17



DETAIL-1: SOLDER PIN



TIN LEAD PART NUMBER

Part Number: HM1L52xyP000Hz

MATING LENGTH DIM-P / REPLACE 'x' BY:

|     | ROW-A | ROW-B | ROW-C | ROW-D | ROW-E |
|-----|-------|-------|-------|-------|-------|
| A = | 5.00  | 5.00  | 5.00  | 5.00  | 5.00  |
| L = | 5.75  | 5.75  | 5.75  | 5.75  | 5.75  |
| D = | 6.50  | 6.50  | 6.50  | 6.50  | 6.50  |
| B = | 6.50  | 5.00  | 5.00  | 5.00  | 5.00  |
| C = | 6.50  | 5.75  | 5.75  | 6.50  | 5.75  |

TERMINATION  
LENGTH

D=2.90 ±0.3,replace y by A

DIM-D

D=3.70 ±0.3,replace y by B

LEAD FREE PART NUMBER

Part Number: HM1L52xyP000HzLF

MATING LENGTH DIM-P / REPLACE 'x' BY:

|     | ROW-A | ROW-B | ROW-C | ROW-D | ROW-E |
|-----|-------|-------|-------|-------|-------|
| A = | 5.00  | 5.00  | 5.00  | 5.00  | 5.00  |
| L = | 5.75  | 5.75  | 5.75  | 5.75  | 5.75  |
| D = | 6.50  | 6.50  | 6.50  | 6.50  | 6.50  |
| B = | 6.50  | 5.00  | 5.00  | 5.00  | 5.00  |
| C = | 6.50  | 5.75  | 5.75  | 6.50  | 5.75  |

TERMINATION  
LENGTH

D=2.90 ±0.3,replace y by A

DIM-D

D=3.70 ±0.3,replace y by B

GENERAL CHARACTERISTICS AND ROHS INFORMATIONS:

SEE PRODUCT SPECIFICATION 65-12-446

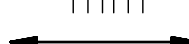
NOTE-2: INSERTION IN PCB, HANDLING OR BENCH PRESS

NOTE-3: IF SUFFIX "P" IS ADDED IN P/N PACKAGING IS IN TRAYS  
BUT CONNECTOR MARKING IS WITHOUT "P"

EXAMPLE: HM1XXXXXXXXXH6P, MARKED HM1XXXXXXXXXH6

NOTE-4: REAR CENTRAL SUPPORT FOR BETTER ASSY ON PCB

European Views

|                                                                                       |          |            |                                                           |        |                                   |      |                                                                                                     |              |                                                                                          |  |
|---------------------------------------------------------------------------------------|----------|------------|-----------------------------------------------------------|--------|-----------------------------------|------|-----------------------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------------------|--|
| www.fciconnect.com                                                                    |          |            | surface<br>ISO 1302                                       |        | tolerance std<br>ISO 406 ISO 1101 |      | projection<br> |              |  mm |  |
|                                                                                       |          |            | TOLERANCES UNLESS OTHERWISE SPECIFIED                     |        |                                   |      |                                                                                                     |              |                                                                                          |  |
| Dr                                                                                    | CHAMPION | 1997/06/17 | ANGULAR                                                   | LINEAR | 0.X                               | ±0.1 | size<br>A3                                                                                          | Scale<br>2.5 |                                                                                          |  |
| Eng                                                                                   | LENOIR   | 1997/06/17 |                                                           |        | 0.XX                              | ±0.1 |                                                                                                     |              |                                                                                          |  |
| Chr                                                                                   | LEGARE   | 1997/06/17 |                                                           |        | 0.XX'                             | ±2°  |                                                                                                     | 0.XXX        | ±0.1                                                                                     |  |
| Appr                                                                                  | LEGARE   | 1997/06/17 | Product family                                            |        |                                   |      | METRAL                                                                                              | Spec ref -   |                                                                                          |  |
|  |          |            | title<br>METRAL RA HEADER 5 ROW<br>STANDARD SOLDER 60 WAY |        |                                   |      | dwg no<br>C-8626-0240                                                                               |              | Rev.<br>E                                                                                |  |
|                                                                                       |          |            | catalog no                                                |        |                                   |      | CUSTOMER                                                                                            |              | sheet 1 of 1                                                                             |  |