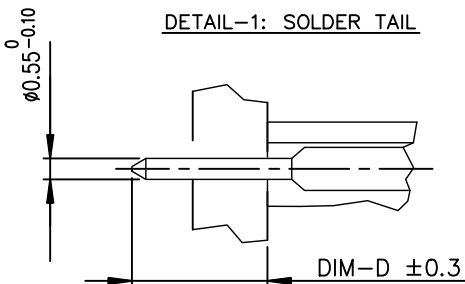


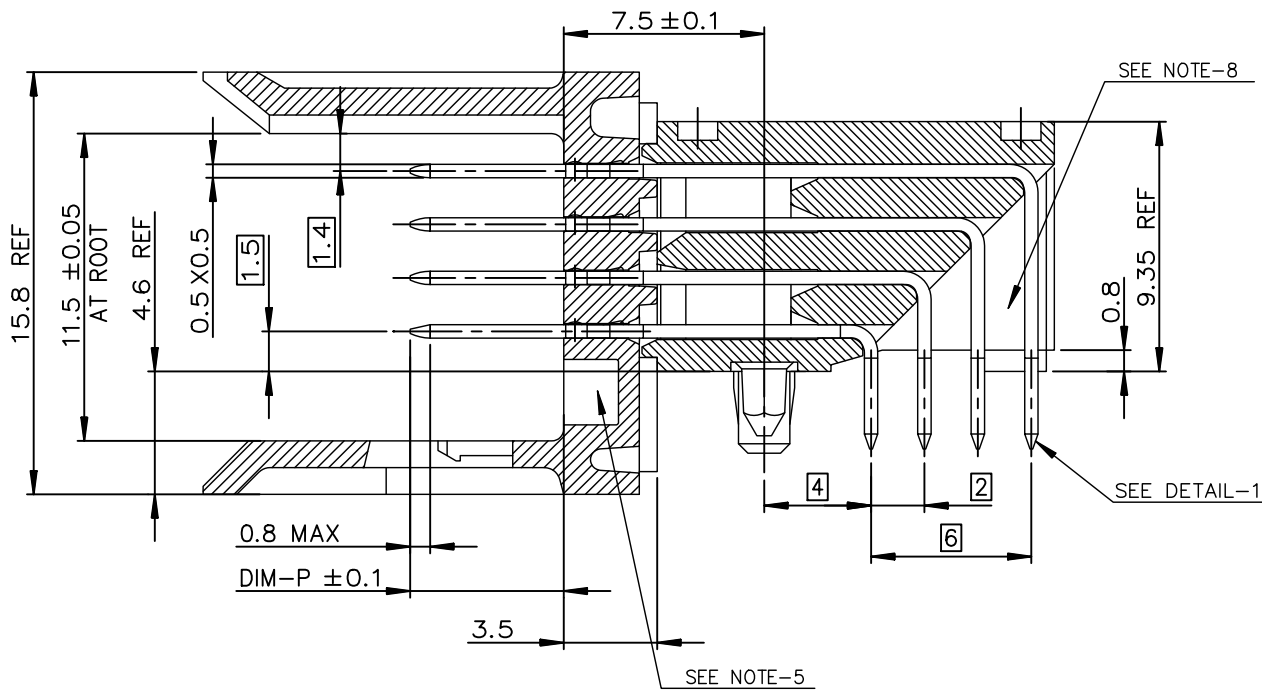
NOTES:

1. MATERIAL : BODY : LCP UL94-V0  
: CONTACT : COPPER ALLOY.
2. FOR PLATING PERFORMANCE REFER DRAWING # 10159409
3. NORMINATIVE REF = IEC-61076-4-104.
4. ONE CENTER PEG FOR HOLD DOWN FORCE.
5. CODING RECESS FOR 8MM EXTENDED KEYS.
6. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47- 0004
7. THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION
8. CENTRAL WALL WITH END REAR SUPPORT.
9. PACKAGING IN TRAY + COVER  
IF SUFFIX "P" IS ADDED IN P/N PACKAGING IS IN TRAYS BUT CONNECTOR MARKING IS WITHOUT "P"  
EXAMPLE: HM1xxxxxxxxxHYP , MARKED HM1xxxxxxxxxHY
10. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



8 MODULE SIZE

SECTION-A SCALE: 4/1



REFER NOTE-2

PART NUMBER :HM1L44XXP000HYLF

OTHERS INFORMATIONS,SEE DRW C-8626-0157-2

| mat'l. code |                |      |            | NOTE 1 |           | surface                               | 58 | tolerance        | projection | product family                |  |  |
|-------------|----------------|------|------------|--------|-----------|---------------------------------------|----|------------------|------------|-------------------------------|--|--|
|             |                |      |            |        |           | ISO 1302                              | ✓  | ISO 406 ISO 1101 |            | METRAL                        |  |  |
| ltr         | ecn no         | dr   | date       | angles | linear    | tolerances unless otherwise specified |    |                  | MM         | title                         |  |  |
| H           | LS06-0097      | LGO  | 2006-07-21 |        |           | 0.X±0.3                               |    |                  |            | METRAL RA HDR WB CONVERGE     |  |  |
| J           | LS07-0184      | MLE  | 2007-07-24 |        |           | 0.XX±0.13                             |    |                  |            | 4x48 CTS - STB PUSH PEG       |  |  |
| K           | ELX-I-38656    | MINI | 2020-10-15 | 0°±2°  |           | 0.XXX±0.050                           |    |                  | scale 1:1  | dwg no sheet 1 of 2 size      |  |  |
|             |                |      |            | dr     | CHAMPION  | 1995-01-25                            |    |                  |            | C-8626-0157-1 A2              |  |  |
|             |                |      |            | enr    | ARUN      | 2020-10-15                            |    |                  |            | type Product Customer Drawing |  |  |
|             |                |      |            | chr    | ALEX BABU | 2020-10-15                            |    |                  |            |                               |  |  |
|             |                |      |            | appd   | SANOJ     | 2020-10-15                            |    |                  |            |                               |  |  |
| sheet index | revision sheet | K    | K          |        |           |                                       |    |                  |            |                               |  |  |
|             |                | 1    | 2          |        |           |                                       |    |                  |            |                               |  |  |

PDS: Rev :K

STATUS:Released

Printed: Nov 11, 2020

5

F

| PART NUMBER / CONTACT LOADING |       |       |       |         |                                                       |       |  |
|-------------------------------|-------|-------|-------|---------|-------------------------------------------------------|-------|--|
| DIM-P ±0.10                   |       |       |       | DIM-D   | PART NUMBER<br>AND PERFORMANCE LEVEL                  | SP N* |  |
| ROW-A                         | ROW-B | ROW-C | ROW-D | ±0.3    |                                                       |       |  |
| 5.00                          | 5.00  | 5.00  | 5.00  | TABLE-2 | HM1L44AxP000H <input checked="" type="checkbox"/> PLF |       |  |
| 5.75                          | 5.75  | 5.75  | 5.75  | TABLE-2 | HM1L44LxP000H <input checked="" type="checkbox"/> PLF |       |  |
| 6.50                          | 6.50  | 6.50  | 6.50  | TABLE-2 | HM1L44DxP000H <input checked="" type="checkbox"/> PLF |       |  |
| 6.50                          | 5.00  | 5.00  | 5.00  | TABLE-2 | HM1L44BxP000H <input checked="" type="checkbox"/> PLF |       |  |
| 6.50                          | 5.75  | 5.75  | 6.50  | TABLE-2 | HM1L44CxP000H <input checked="" type="checkbox"/> PLF |       |  |
| 5.00                          | 5.00  | 6.50  | 5.00  | TABLE-2 | HM1L44ZxP110H <input checked="" type="checkbox"/> PLF | 110   |  |
| 5.00                          | 5.75  | 6.50  | 5.00  | TABLE-2 | HM1L44ZxP430H <input checked="" type="checkbox"/> PLF | 430   |  |
| 5.00                          | 5.75  | 5.00  | 5.00  | TABLE-2 | HM1L44ZxP448H <input checked="" type="checkbox"/> PLF | 448   |  |
| 5.75                          | 5.00  | 5.00  | 5.00  | TABLE-2 | HM1L44ZxP009H <input checked="" type="checkbox"/> PLF | 009   |  |
| 5.75                          | 6.50  | 5.75  | 5.00  | TABLE-2 | HM1L44ZxP424H <input checked="" type="checkbox"/> PLF | 424   |  |
| 6.50                          | 5.75  | 6.50  | 5.75  | TABLE-2 | HM1L44ZxP037H <input checked="" type="checkbox"/> PLF | 037   |  |
| 6.50                          | 5.75  | 5.00  | 5.75  | TABLE-2 | HM1L44ZxP102H <input checked="" type="checkbox"/> PLF | 102   |  |
| 6.50                          | 6.50  | 6.50  | 5.75  | TABLE-2 | HM1L44ZxP135H <input checked="" type="checkbox"/> PLF | 135   |  |
| 6.50                          | 5.75  | 5.75  | 5.75  | TABLE-2 | HM1L44ZxP369H <input checked="" type="checkbox"/> PLF | 369   |  |

Y REFER DRAWING # 10159409 

DIM-D=2.9 / replace 'x' by 'A' in the P/N  
DIM-D=3.7 / replace 'x' by 'B' in the P/N

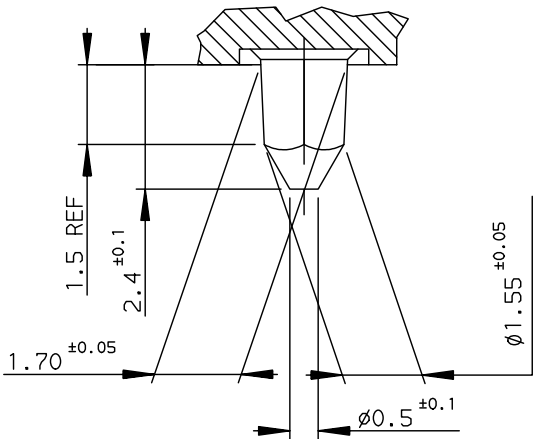
TABLE-2

OTHERS INFORMATIONS,SEE DRW C-8626-0157-1

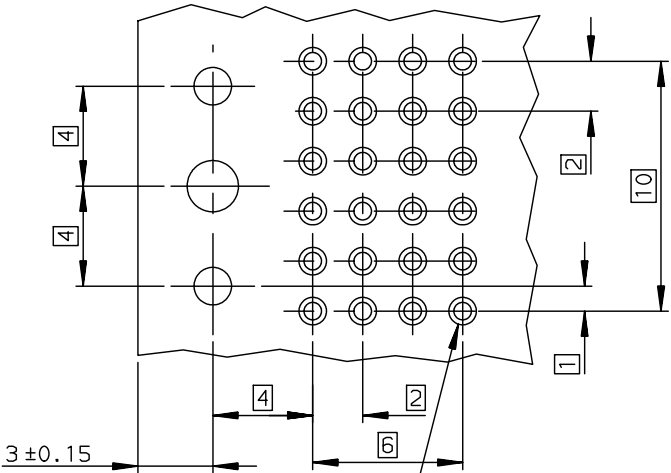
STANDARD MATING LENGTHS = 5.75 (AND 5.00-6.50)

STANDARD TERMINATION LENGTH = 2.90

DETAIL OF LOCATING PEGS (2x) SCALE 8/1

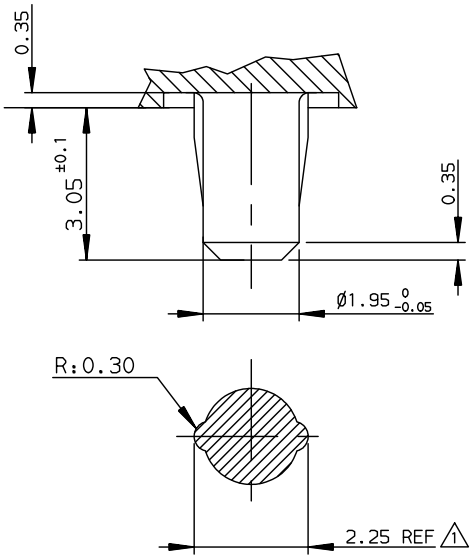


RECOMMENDED PCB LAYOUT  
PER 12MM LENGTH



Hole according to product spec  
6S-12-445 (for press-fit) ,  
6S-12-446 (for STB)

DETAIL OF CENTRAL PEG SCALE 8/1



|             |             |                |            |                                       |           |                        |  |                                                                                       |  |                                                                                                     |                         |                                    |          |         |  |
|-------------|-------------|----------------|------------|---------------------------------------|-----------|------------------------|--|---------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|-------------------------|------------------------------------|----------|---------|--|
| mat'l. code |             |                |            | NOTE 1                                |           | surface 58<br>ISO 1302 |  | tolerance<br>ISO 406 ISO 1101                                                         |  | projection<br> |                         | product family<br>METRAL           |          |         |  |
| ltr         | ecn no      | dr             | date       | tolerances unless otherwise specified |           |                        |  |                                                                                       |  | MM<br>         |                         | title<br>METRAL RA HDR WB CONVERGE |          |         |  |
| H           | LS06-0097   | LGO            | 2006-07-21 | angles                                | linear    | 0.X±0.3                |  |                                                                                       |  | scale 1:1                                                                                           | 4x48 CTS - STB PUSH PEG |                                    |          |         |  |
| J           | LS07-0184   | MLE            | 2007-07-24 |                                       |           | 0.XX±0.13              |  |                                                                                       |  |                                                                                                     |                         |                                    |          |         |  |
| K           | ELX-I-38656 | MINI           | 2020-10-15 |                                       |           | 0.XXX±0.050            |  |                                                                                       |  |                                                                                                     |                         |                                    |          |         |  |
|             |             |                |            | dr                                    | CHAMPION  | 1995-01-25             |  |  |  | dwg no                                                                                              |                         | sheet 2 of 2                       |          | size    |  |
|             |             |                |            | enqr                                  | ARUN      | 2020-10-15             |  |                                                                                       |  | C-8626-0157-2                                                                                       |                         | A2                                 |          |         |  |
|             |             |                |            | chr                                   | ALEX BABU | 2020-10-15             |  |                                                                                       |  | type                                                                                                |                         | Product                            | Customer | Drawing |  |
|             |             |                |            | appd                                  | SANOJ     | 2020-10-15             |  |                                                                                       |  |                                                                                                     |                         |                                    |          |         |  |
| sheet index |             | revision sheet |            | K                                     | K         |                        |  |                                                                                       |  |                                                                                                     |                         |                                    |          |         |  |
|             |             |                |            | 1                                     | 2         |                        |  |                                                                                       |  |                                                                                                     |                         |                                    |          |         |  |