REQUIRED PCB BOARD LAYOUT
COMPONENT SIDE

NOTE:
1. MIN PCB THICKNESS = 1.6mm

SEE PRINT 58351 FOR ADDITIONAL PCB INFORMATION

Amphenol FCI

metral signal header
1 MOD, 4 ROW PRESS-FIT

ELX-I-32668-1
AS
Released

PDS: Rev :AS
STATUS: Released
Printed: Feb 15, 2019
<table>
<thead>
<tr>
<th>METRAL PIN</th>
<th>CONTACT CODE MOD. I</th>
</tr>
</thead>
<tbody>
<tr>
<td>70232-X70LF</td>
<td>D 1 2 3 4 5 6</td>
</tr>
<tr>
<td>70232-X74LF</td>
<td>D 1 2 3 4 5 6</td>
</tr>
<tr>
<td>70232-X76LF</td>
<td>D 1 2 3 4 5 6</td>
</tr>
<tr>
<td>70232-X80LF</td>
<td>D 1 2 3 4 5 6</td>
</tr>
<tr>
<td>70232-X82LF</td>
<td>D 1 2 3 4 5 6</td>
</tr>
<tr>
<td>70232-X86LF</td>
<td>D 1 2 3 4 5 6</td>
</tr>
</tbody>
</table>

**Table:**
- **Tolerances:** TOLERANCES UNLESS OTHERWISE SPECIFIED
- **ISO 406:**
- **ISO 1101:**

**Ref Level:** Released

**Product Family:** METRAL SIGNAL HEADER

**Model:** 70232

**Product - Customer Drw:** Sheet 6 of 8

**Dimensions:**
- Linear:
  - 0.X: ±0.3
  - 0.XX: ±0.13
  - 0.XXX: ±0.051
- Angular:
  - 0°: ±2°
1. FOR DIM A AND B SEE SHEET 2 AND UP.

2. BODY MATERIAL: LIQUID CRYSTAL POLYMER 30% GLASS FLAME RETARDANT ACC. UL 94-V0.

3. PIN MATERIAL: PHOSPHOR BRONZE.

4. PLATING ON PRESS-FIT TAIL. 70232-XYYLFB IS SN (LEAD FREE).
   PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.

5. PRODUCT MARKING:
   PART NUMBER DESIGNATION & BATCH ID.

6. ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES.
   IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER.
   EXAMPLE: XXXXX-XXXPLF

7. PRODUCT SPECIFICATION GS-12-180
   APPLICATION SPECIFICATION BUS-20-073

8. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.

9. A PLATING WAS AN FLUSH IN PRESS FIT AREA (LEAD FREE).

10. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE
    EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS
    AS DESCRIBED IN GS-22-059.

11. FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
    EXAMPLE: 70232-X01LF

12. ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING
    DR (DRAWING NO.):1-- OR (DRAWING NO.):4-- WILL WITHSTAND EXPOSURE
    TO 260°C FOR 60 SECONDS IN A CONVECTION INFRA-RED OR VAPOR PHASE REWORK OVEN. PART NUMBERS
    (DRAWING NO.):1-- AND (DRAWING NO.):4-- WILL NOT WITHSTAND REWORK AND ALL CONTACT
    SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 180°C FOR
    NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.