REQUIRED PCB BOARD LAYOUT
COMPONENT SIDE

NOTE:
1. MIN PCB THICKNESS = 1.6mm

SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

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**Amphenol FCI**

**Title:** METRAL SIGNAL HEADER

**Description:** 1 MOD, 4 ROW PRESS-FIT

**Designation:** 70232

**Designation:** Released

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**Dimensions:**

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<th>Dim B*</th>
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**Additional Information:**

- El Wire: AT
- PDS: Rev: AT
- Status: Released
- Printed: Jun 12, 2019

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**References:**

- ISO 406
- ISO 1101

---

**Symbols:**

- ø 0.10

---

**Notes:**

- Min PCB thickness = 1.6mm

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**Dimensions:**

- 16.00 MIN
- 6.00
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**Title:** METRAL SIGNAL HEADER

**Description:** 1 MOD, 4 ROW PRESS-FIT

**Design:** Terra Huang

**Approval:** K-Paul Biju

**Status:** Released

**Scale:** 1:1

**Dimensions:** A4

**Revision:** AT

**Document Number:** ELX4-33773-1

**Printed:** Jun 12, 2019

**Date:** 2019/06/01

**Narayanan, Aru**

**K-Paul Biju**

**Terran Huang**

© 2018 AFCI
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-XYYLF IS SN LEAD FREE. PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.
5. PRODUCT MARKING: PART NUMBER DESIGNATION & BATCH NO.
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-XYYPFLF.
7. PRODUCT SPECIFICATION CS-12-180 APPLICATION SPECIFICATION BUS-20-073.
8. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
9. A PLATING WAS A 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 CS-22-008.
11. FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX. EXAMPLE: 70232-XOTLF.
12. ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING (DRAWING NO.):-H1--- OR (DRAWING NO.):-H2--- WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.):-H1--- AND (DRAWING NO.):-V1--- WILL NOT WITHSTAND REFLOW AND ALL CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 150°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.