

PRODUCT NUMBER

10054523-001LF

POSITION 1
INDICATOR MARK

DIM A

18.25±0.40

SEE NOTE 6

DATE CODE
PRINTED IN THIS AREA

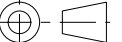


SEE NOTE 4

SIGNAL POSITION 1
GROUND POSITION 1

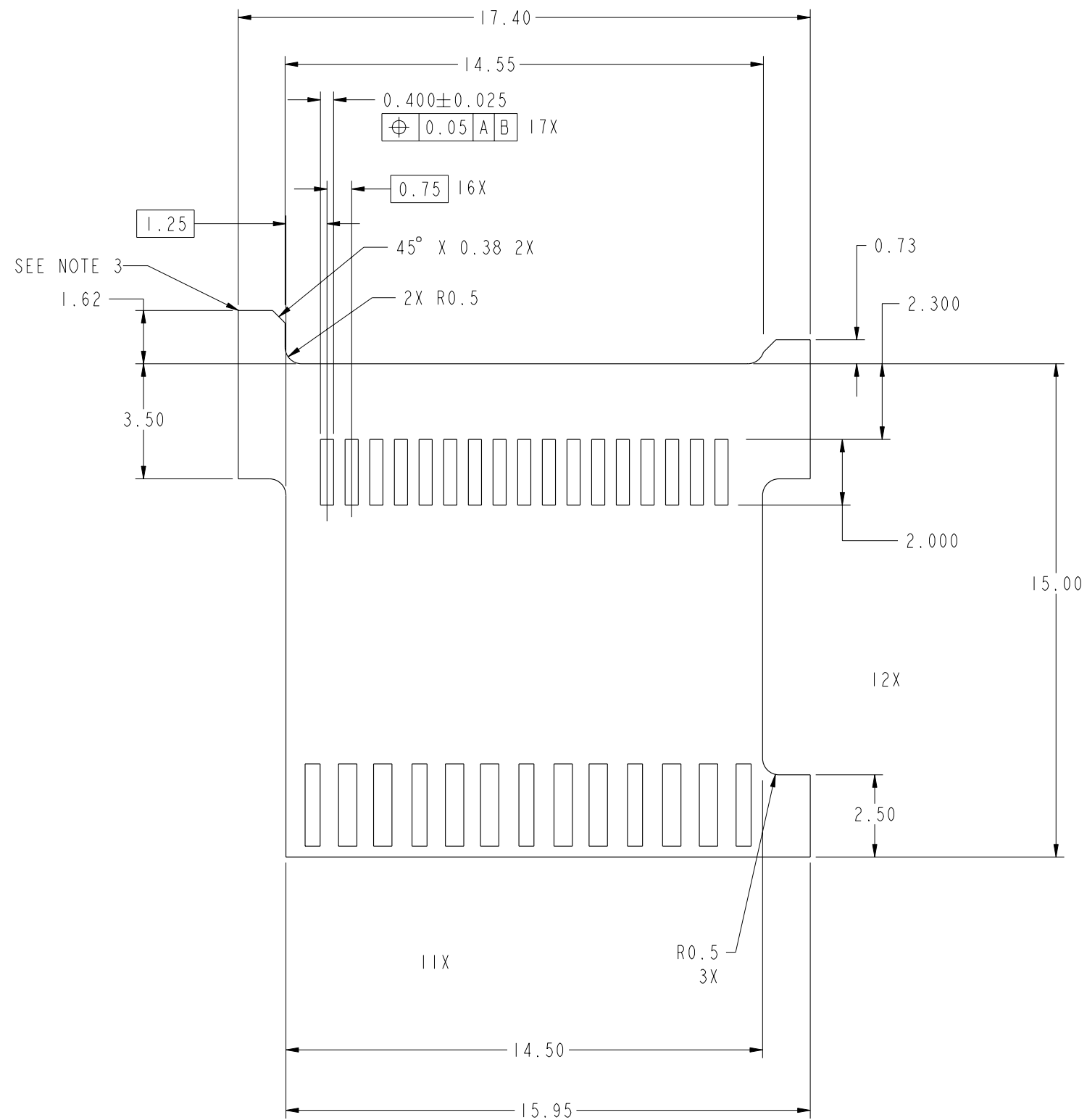
SIGNAL POSITION 2

KEYING FEATURE

| rev | ecn no | dr | date |
|-----|----------|-----|------------|
| A | V05-0172 | LP | 4/10/05 |
| B | M06-0459 | MHT | 2006-11-15 |
| C | M06-0474 | MHT | 2006-11-30 |
| D | M07-0264 | MHT | 2007-06-11 |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |

| | | | | | | | | | | | |
|---|-------------|---|---------------------------|----|-------------------------------|-----------------|---|--------------|---|--------------|--|
| www.fciconnect.com | | | surface 3.2 ASME Y14.5 | | tolerance std ASME Y14.5 - | | projection  | | MM  | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED | | | | | | | | | | | |
| Dr | L.POTTEIGER | 4/1/05 | ANGULAR | | LINEAR | | 0.X | ±.3 | size A3 | Scale 4:1 | |
| Eng | D.BRANN | 4/1/05 | | | | | 0.XX | ±.10 | | | |
| Chr | D.BRANN | 4/1/05 | | | | | 0.XXX | ±.051 | | | |
| Appr | D.BRANN | 4/1/05 | 0° | ±° | Product family EyeMax (TM) | | | ECN M07-0264 | | | |
| Spec ref | | | - | | | | | | | | |
|  | | title PLUG ASSEMBLY WITH UNEQUALIZED P.C.B. | | | | dwg no 10054523 | | | | Rev. D | |
| | | catalog no - | | | | CUSTOMER | | | sheet 1 of 3 | | |

10054523-001LF



RECOMMENDED 4X PCB LAYOUT

PCB NOTES:

1. PADS ON BOTH SIDES OF PCB.
2. DIMENSIONS APPLY TO BOTH SIDES OF THE PCB LOCATED FROM DATUMS A & B.
3. EXTENSIONS SHOULD NOT BE USED TO LOCATE SOLDER TAILS TO SOLDER PADS ONLY AS AID IN ASSEMBLY BY LIMITING TOP TO BOTTOM MOVEMENT OF THE PCB.
4. PCB THICKNESS: 1.57mm (.062").
5. THIS PCB IS BUILDING ACCORDING GERBER FILE (90000474)
6. USING A 0.15mm (0.006") THICK STENCIL ADD LEAD FREE SOLDER PASTE AN REFLOW SOLDER HEIGHT AFTER REFLOW SHOULD BE BETWEEN 0.10mm (0.004") TO 0.18 (0.007") FLATTENED ZONE.



```

title PLUG ASSEMBLY WITH
      UNEQUALIZED P.C.B.

```

| |
|------------|
| catalog no |
|------------|

dwg no

10054523

ev.

1

CUSTOMER

sheet 2 of 3

PRODUCT NUMBER

10054523-001LF

NOTES:

1. MATERIAL:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0 RATED,
SUITABLE FOR REFLOW SOLDERING.
CONTACTS: COPPER ALLOY WITH GOLD OVER NICKEL PLATING
IN THE CONTACT AREA AND Sn PLATING ON SOLDER TAILS.
2. PRODUCT SPECIFICATION GS-12-209.
3. APPLICATION SPECIFICATION: GS-20-026 FOR PADDLE CARD AND CABLE TERMINATION
DETAILS. FOR EASE OR WIRE MANAGEMENT, A P1 ASSEMBLY IS RECOMMENDED ON
ONE END OF THE CABLE AND A P2 ASSEMBLY ON THE OTHER END.
4. PACKAGING SPECIFICATION GS-14-794.
5. MATES WITH LATCH-STYLE RECEPTACLE 58368,58369
6. PART NUMBERS WITH "LF" SUFFIX AT THE END ARE LEAD FREE OPTION.
7. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
8. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
FOR 10-20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW
OVEN. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.



PLUG ASSEMBLY WITH
UNEQUALIZED P.C.B.
catalog no

dwg no
10054523

Rev.
D

CUSTOMER sheet 3 of 3