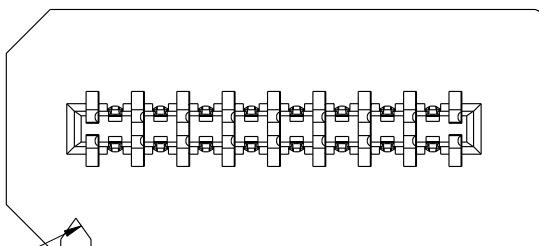


PRODUCT NUMBER

10054523-001LF

A

A

POSITION 1
INDICATOR MARK

DIM A

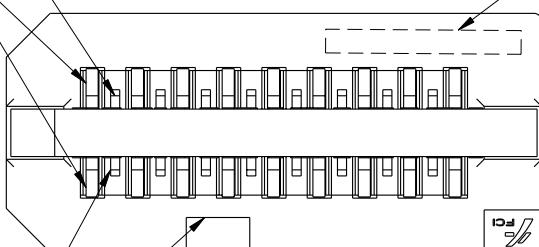
B

B

18.25±0.40

C

C

SIGNAL POSITION 1
GROUND POSITION 1DATE CODE
PRINTED IN THIS AREA

SIGNAL POSITION 2

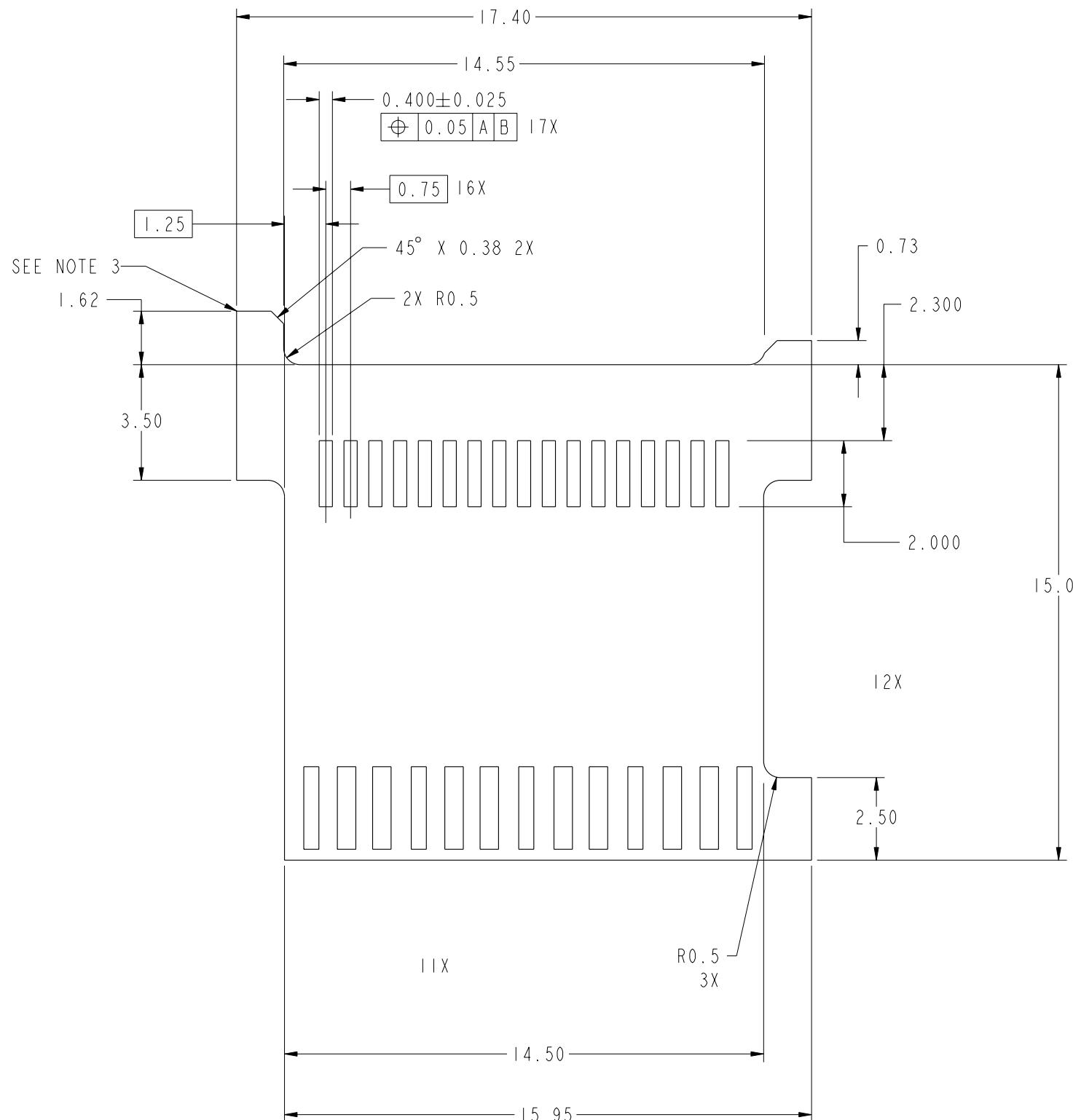
KEYING FEATURE

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	0.X	±.3	size	
Eng	D.BRANN	4/1/05	LINEAR	0.XX	±.10	A3	Scale 4:1
Chr	D.BRANN	4/1/05		0.XXX	±.051	ECN M07-0264	
Appr	D.BRANN	4/1/05	Product family	EyeMax (TM)		Spec ref	-
 PLUG ASSEMBLY WITH UNEQUALIZED P.C.B.				dwg no	10054523		
catalog no				-	CUSTOMER	sheet 1 of 3	

PRODUCT NUMBER

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 AND REFLOW SOLDER HEIGHT AFTER REFLOW SHOULD BE BETWEEN 0.10mm (0.004") TO 0.18 (0.007") FLATTENED ZONE.



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

dwg no
-

10054523
CUSTOMER

Rev.
D

PRODUCT NUMBER

10054523-001LF

A

A

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 PI 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.

FCI

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REV F - 2006-04-17	2	3	4	STATUS Released	Printed: Jul 22, 2010
	PLUG ASSEMBLY WITH UNEQUALIZED P.C.B. catalog no	dwg no	10054523	Rev. D	CUSTOMER sheet 3 of 3