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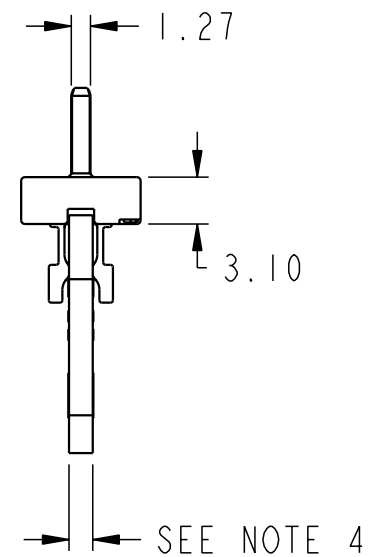
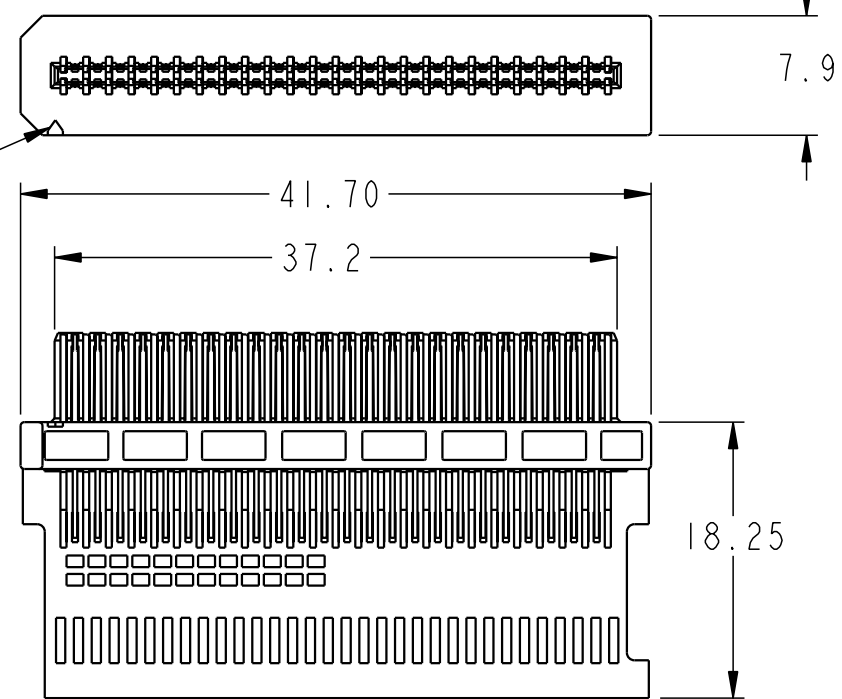
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PRODUCT NUMBER
SEE TABLE

POSITION 1
INDICATOR MARK

SIGNAL POSITION 1
GROUND POSITION 1

SIGNAL POSITION 2
KEYING FEATURE



DATE CODE PRINTED
IN THIS AREA.

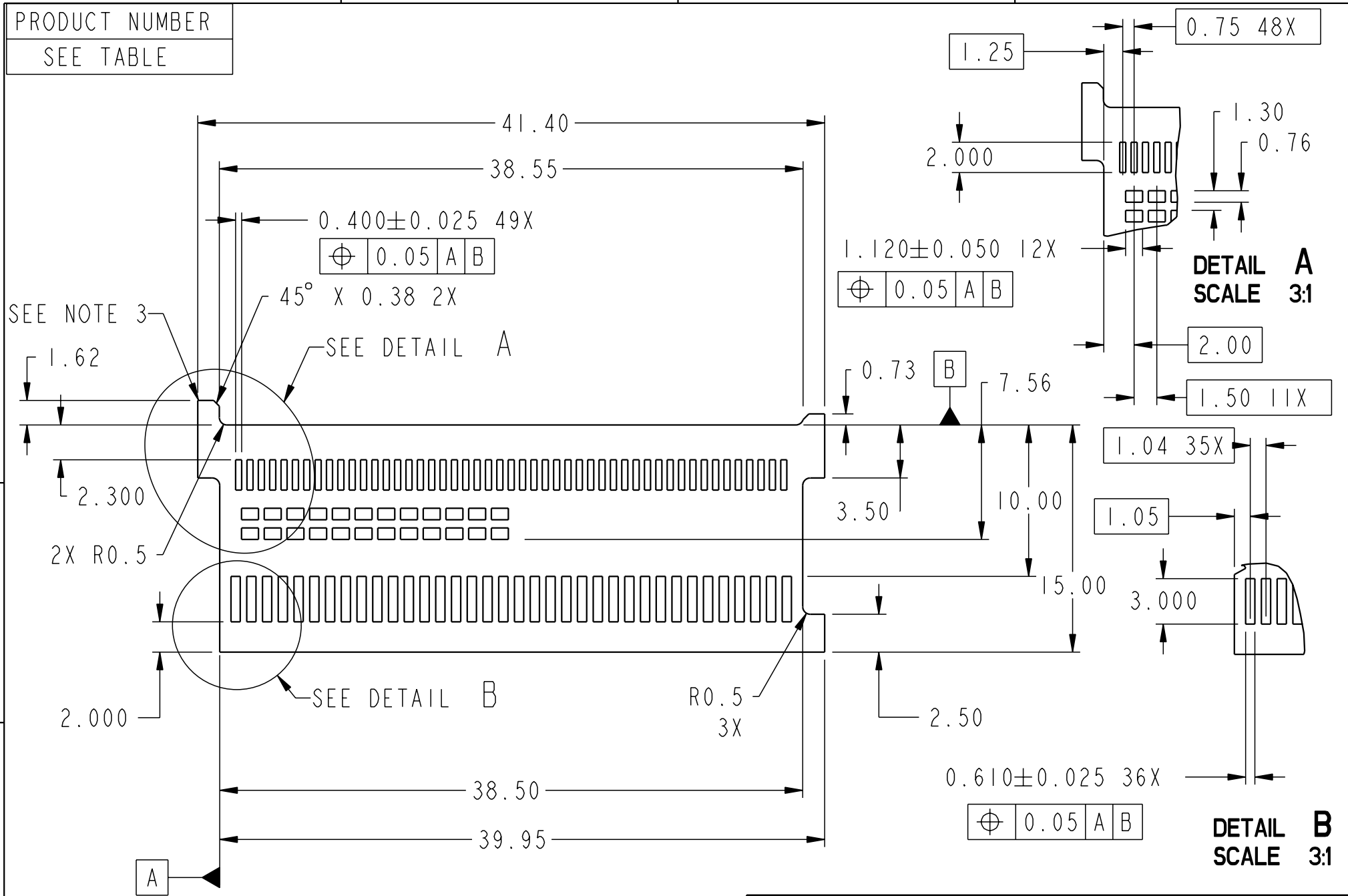
rev	ecn no	dr	date
B	V03-0796	GIP	07/21/03
C	V03-0931	GIP	08/26/03
D	V03-1098	DAI	10/15/03
E	V04-0008	DAI	01/28/04
F	V04-0484	DAI	06/08/04
G	V05-0064	TAB	03/03/05
H	V05-0528	DAI	07/01/05

FCI		www.fciconnect.com		surface ☒ ASME Y14.5	tolerance ASME Y14.5	projection	MM
Dr	G.PETERS	06/02/03	Product family	EYEMAX(tm)	size	A4	Scale 1:1
Eng	D.BRANN	06/02/03	Spec ref	-	ECN	V05-0528	
Chr	G.PETERS	06/02/03	Material	SEE NOTES			
Appr	D.BRANN	06/02/03					
title 12X EQUALIZED PLUG ASS'Y. WITH PCB					dwg no 10026694	Rev. H	
catalog no -					CUSTOMER	sheet 1 of 5	

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A
FCI

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RECOMMENDED PCB LAYOUT

SCALE 3:1

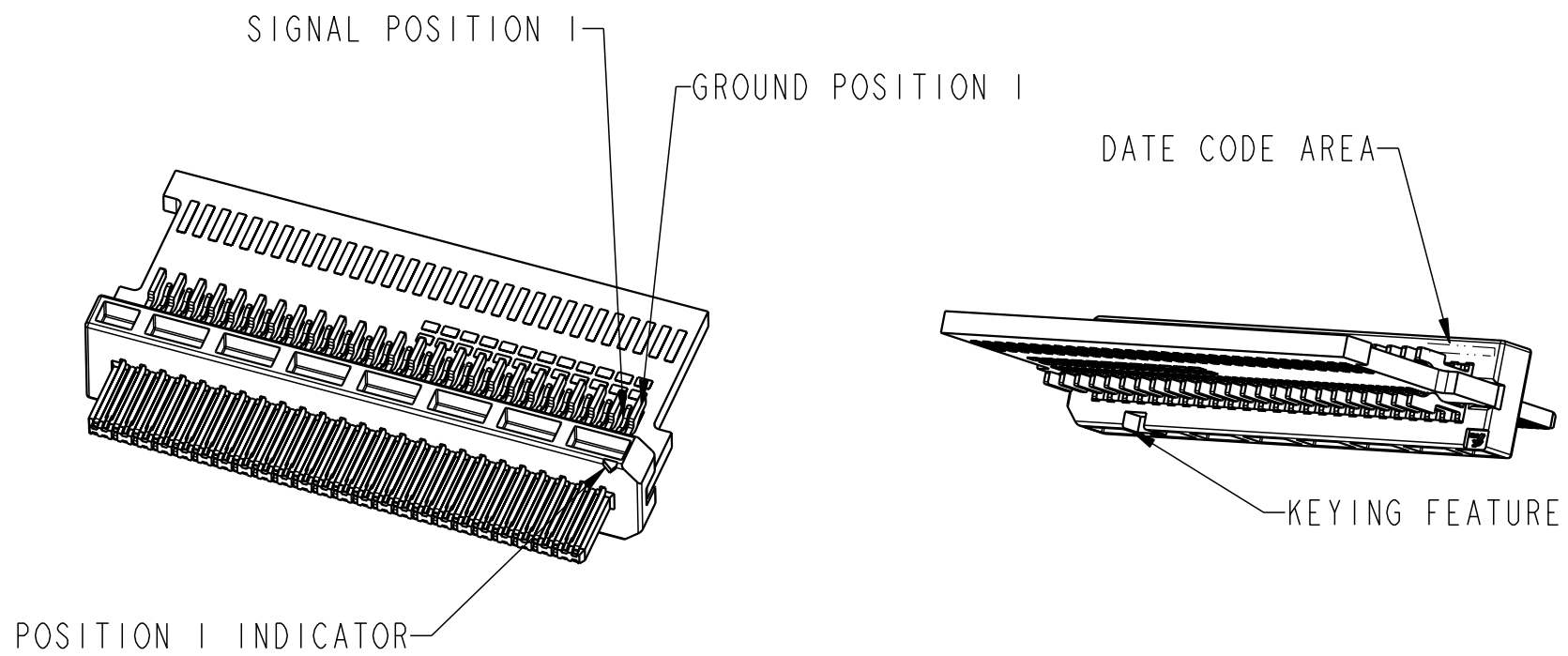
title A FCI	12X EQUALIZED PLUG ASS'Y. WITH PCB	dwg no 10026694	Rev. H
catalog no	-	CUSTOMER	sheet 2 of 5



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PRODUCT NUMBER
SEE TABLE



title	12X EQUALIZED PLUG ASS'Y.		dwg no	10026694	Rev. H
	WITH PCB				
catalog no			-	CUSTOMER	sheet 3 of 5

NOTES:

- ① MATERIAL:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC
UL 94V-0 RATED, SUITABLE FOR REFLOW SOLDER.
CONTACTS: COPPER ALLOY WITH GOLD OVER NICKEL PLATING
IN THE CONTACT AREA AND TIN/LEAD PLATING ON
THE SOLDER TAIL UNLESS THE PART NUMBER ENDS IN LF,
LEAD FREE SOLDER TAIL PLATING 2um (80u") MIN MATTE TIN OVER
1.27um (50u") MIN NICKEL UNDERPLATE
2. PRODUCT SPECIFICATION GS-12-209
3. APPLICATION SPECIFICATION: GS-20-026 FOR PADDLE CARD AND CABLE
TERMINATION DETAILS. FOR EASE OF 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.
PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING SPECIFICATION GS-14-920.
5. MATES WITH LATCH-STYLE RECEPTACLE 58366 OR 58367, OR THUMBSCREW
RECEPTACLE 10009626.
6. PLUGS ARE ALSO AVAILABLE WITHOUT PCB 58443 OR WITH UNEQUALIZED PCB 58638.
7. PLUG CAN BE PURCHASED AS PART OF A KIT THAT INCLUDES THE BACKSHELLS AND
CABLE COLLARS. 58442 FOR LATCH-STYLE PLUG KITS OR 10014004 FOR THUMBSCREW
PLUG KITS.
- ⑧ IF LEAD FREE PART NUMBER, THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR
10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.60mm MIN. THICK CIRCUIT BOARD.
- ⑨ LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED
IN GS-22-008.

PCB NOTES:

1. PADS ON BOTH SIDES OF PCB.
2. DIMENSIONS APPLY TO BOTH SIDES OF
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").

title	12X EQUALIZED PLUG ASS'Y.		dwg no	10026694		Rev.
	WITH PCB					
catalog no		-	CUSTOMER		sheet 4 of 5	

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* PRODUCT NUMBER	DESCRIPTION
10026694-001	EQUALIZED P1 PLUG ASSEMBLY WITHOUT COMPONENTS
10026694-002	EQUALIZED P1 PLUG ASSEMBLY WITH COMPONENTS
10026694-006	EQUALIZED P1 PLUG ASSEMBLY-CUSTOMER SPECIAL
10026694-101	EQUALIZED P2 PLUG ASSEMBLY WITHOUT COMPONENTS
10026694-102	EQUALIZED P2 PLUG ASSEMBLY WITH COMPONENTS
10026694-106	EQUALIZED P2 PLUG ASSEMBLY-CUSTOMER SPECIAL

*ADD LF TO END OF PART NUMBER FOR LEAD FREE SOLDER TAILS
EXAMPLE: 10026694-001LF, SEE NOTES 1, 4, 8 AND 9

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catalog no			-	CUSTOMER	sheet 5 of 5	