



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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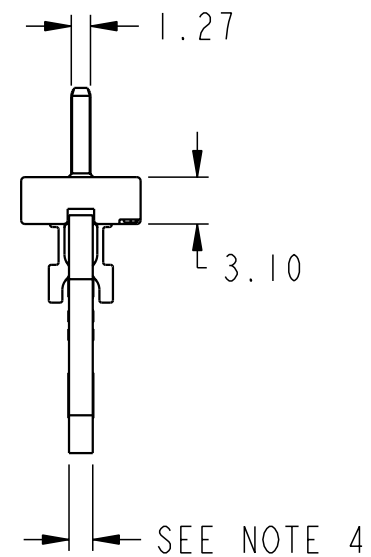
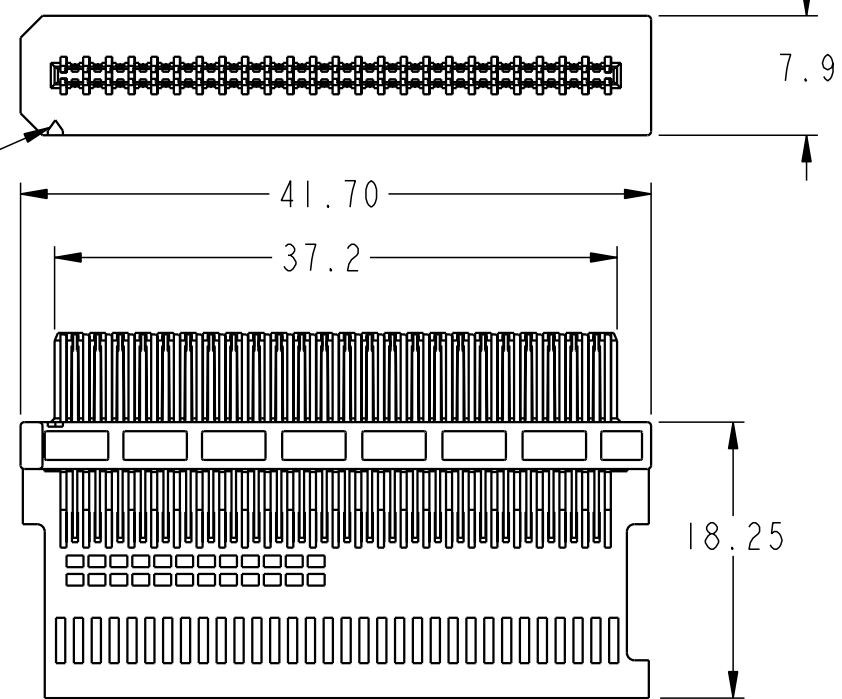
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PRODUCT NUMBER  
SEE TABLE

POSITION 1  
INDICATOR MARK

SIGNAL POSITION 1  
GROUND POSITION 1

SIGNAL POSITION 2  
KEYING FEATURE



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

<b>FCI</b>		www.fciconnect.com		surface <input checked="" type="checkbox"/> 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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SEE TABLE



SCALE 3:1



12X EQUALIZED PLUG ASS'Y.  
WITH PCB

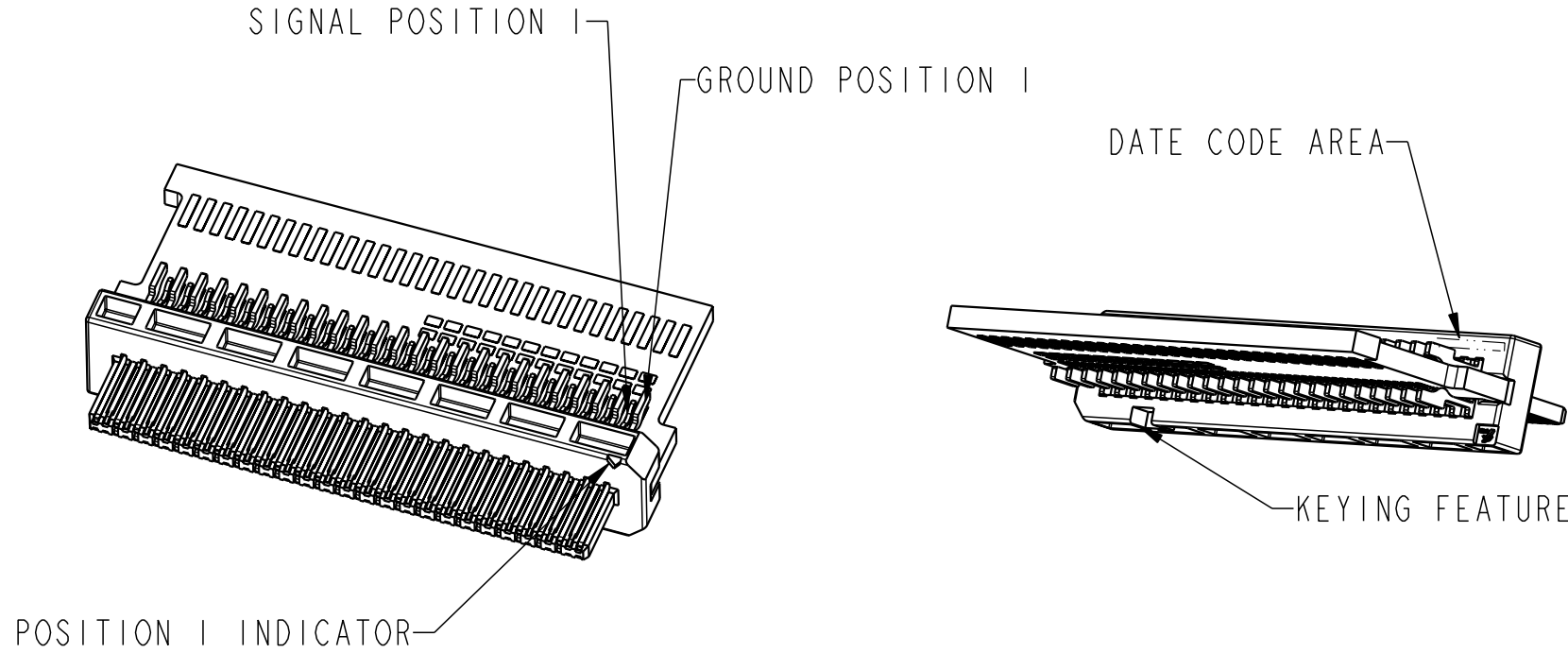
dwg no	10026694	Rev. H
CUSTOMER	sheet 2 of 5	



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PRODUCT NUMBER  
SEE TABLE



title	12X EQUALIZED PLUG ASS'Y. WITH PCB		dwg no	10026694	Rev. H
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. WITH PCB		dwg no	10026694		Rev	H
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

title	12X EQUALIZED PLUG ASS'Y.		dwg no	10026694		Rev.
	WITH PCB			H		
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