



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



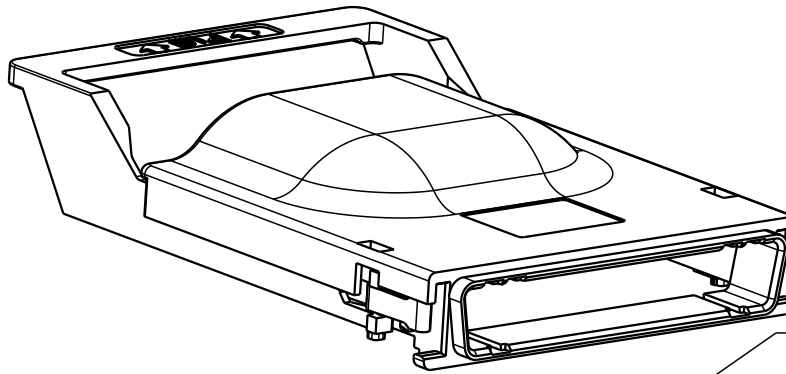
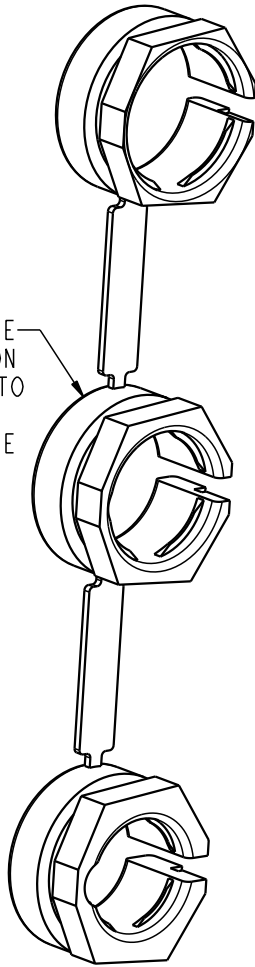
Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

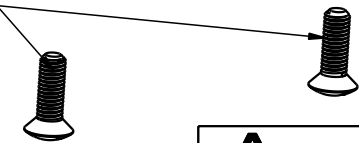
PRODUCT NUMBER
SEE TABLE

CABLE COLLAR, 3 SIZES ARE PROVIDED, SEE APPLICATION SPECIFICATION: GS-20-026 TO SELECT THE CORRECT SIZE FOR THE DIAMETER OF CABLE






PLUG ASSEMBLY WITH OR WITHOUT PCB
SEE CHART ON SHEET 5.

M2.5 x 0.45 OVAL HEAD SCREWS



TOLERANCES UNLESS OTHERWISE SPECIFIED			
LINEAR	0.X	±.3	
	0.XX	±.10	
	0.XXX	±.050	
ANGULAR	0°	±2°	

rev	ecn no	dr	date
C	V03-0415	GIP	04/15/03
D	V03-0796	GIP	07/21/03
E	V05-0528	DAI	06/30/05
F	V04-0008	DAI	01/28/04
G	V04-0508	DAI	06/16/04
H	V05-0064	TAB	03/03/05
J	V05-0528	DAI	06/30/05

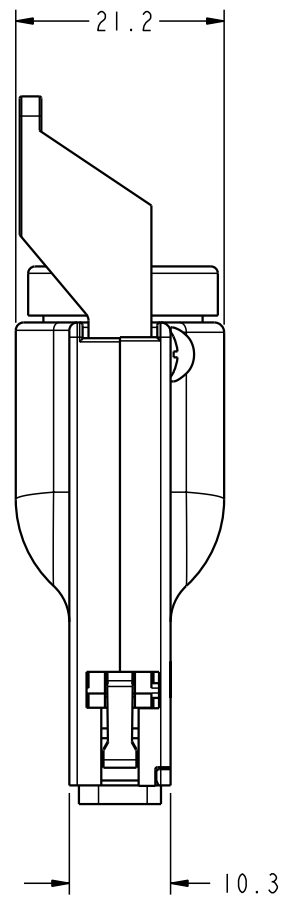
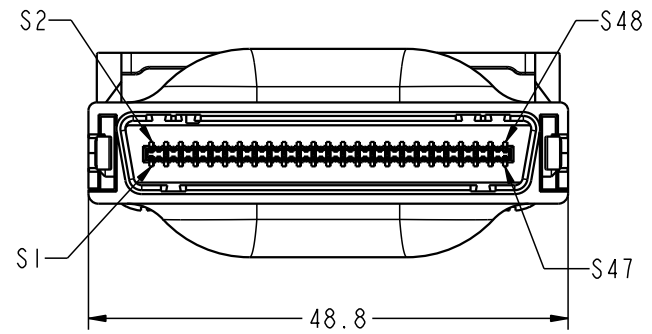
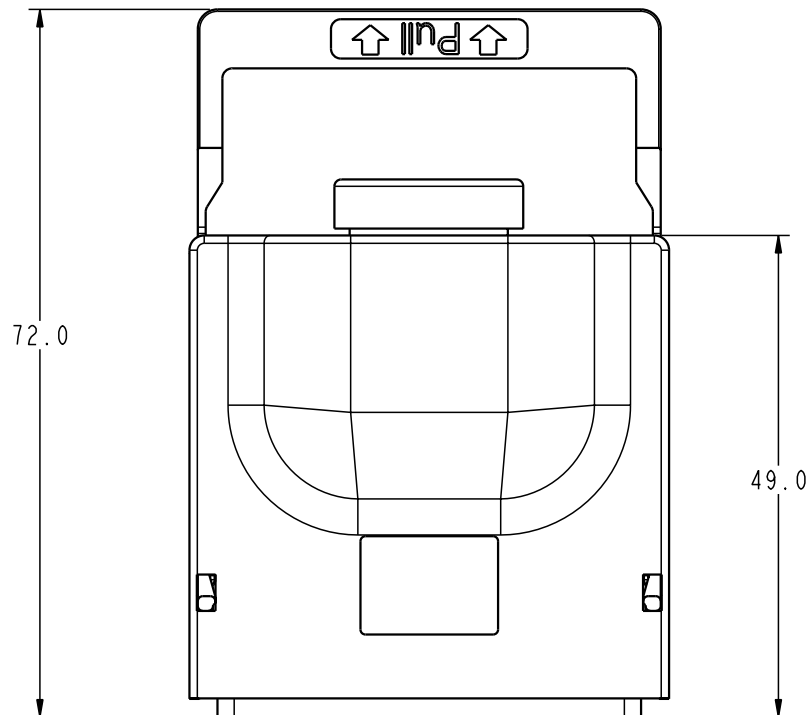
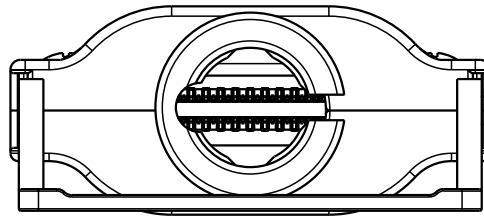
 www.fciconnect.com			surface 3.2 ASME Y14.5		tolerance ASME Y14.5		projection 		MM 	
Dr	D.FUSSELMAN	3/20/02	Product family			EYEMAX(tm)			size A4	Scale 1:2
Eng	S.OLSON	3/20/02	Spec ref							
Chr	T.BRUNGARD	7/30/02	Material			SEE NOTES			ECN	V05-0528
Appr	D.BRANN	7/30/02								
title	12X PLUG KIT					dwg no	58442			Rev. J
	EYEMAX(TM)									
	catalog no									
						CUSTOMER			sheet 1 of 5	



Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du proprietaire. Propriete de c FCI. Droits de reproduction FCI.

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER
SEE TABLE

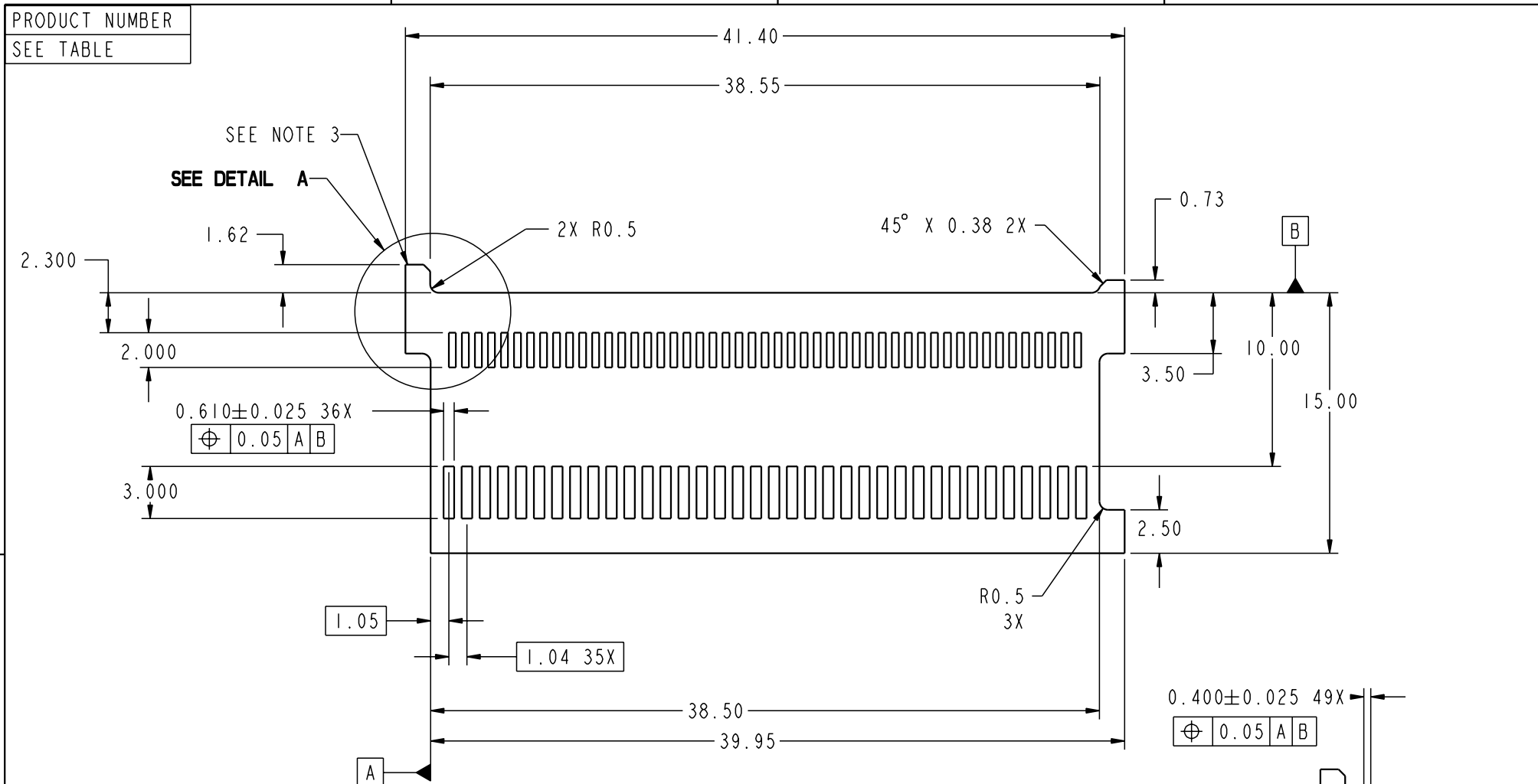


title	12X PLUG KIT		dwg no	58442	Rev. J
	EYEMAX (TM)				
catalog no			-	CUSTOMER	sheet 2 of 5

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de FCI. Droits de reproduction FCI.

FCI

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.



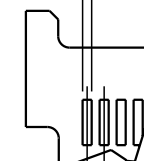
PCB NOTES:

- PADS ON BOTH SIDES OF PCB.
- DIMENSIONS APPLY TO BOTH SIDES OF PCB LOCATED FROM DATUM A & B.
- THIS AREA NOT TO BE USED TO LOCATE SOLDER TAILS TO SOLDER PADS. THIS AREA IS TO AID IN ASSEMBLY BY LIMITING THE TOP & BOTTOM MOVEMENT OF THE PADDLE CARD.
- PCB THICKNESS: 1.57mm (.062").

RECOMMENDED PCB LAYOUT, FOR UNEQUALIZED PLUG ASSEMBLY

SCALE 3:1

DETAIL SCALE A 3:1



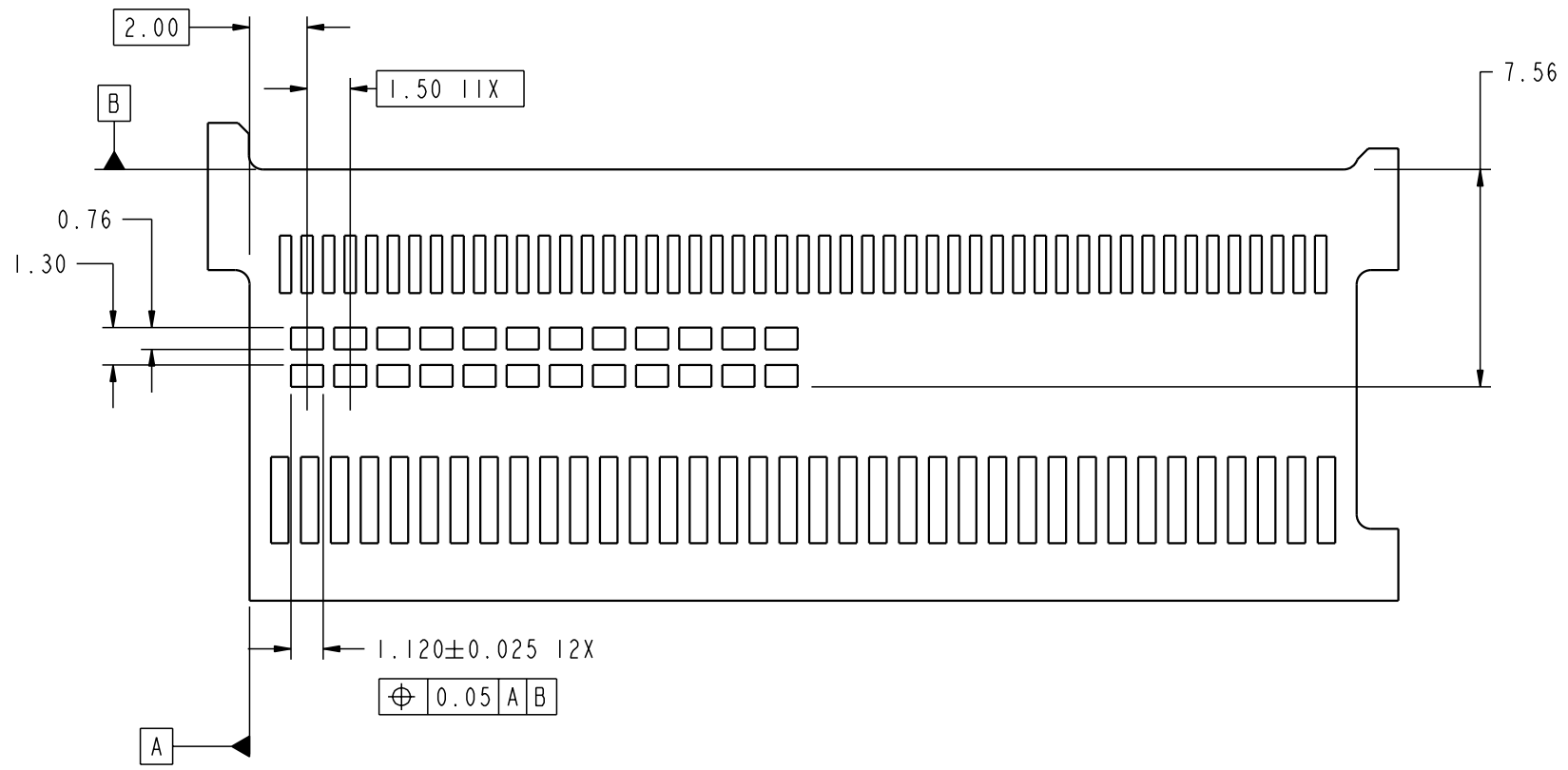
title	12X PLUG KIT		dwg no	58442		Rev	J
	EYEMAX (TM)						
catalog no	-		CUSTOMER		sheet 3 of 5		

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c'FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER
SEE TABLE



**RECOMMENDED PCB LAYOUT
FOR EQUALIZED PLUG ASSEMBLY***

*COMPONENT PADS ADDED TO EQUALIZED PCB,
ALL OTHER DIMENSIONS THE SAME AS
UNEQUALIZED PCB AS SHOWN ON SHT. 3.
SEE PCB NOTES ON SHEET 3

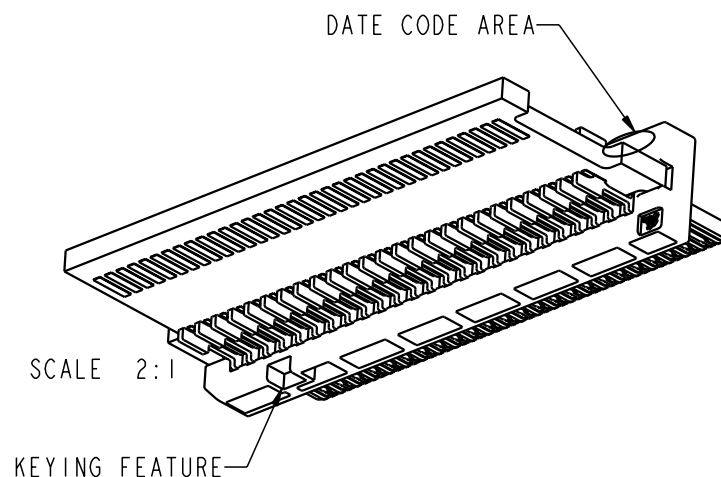
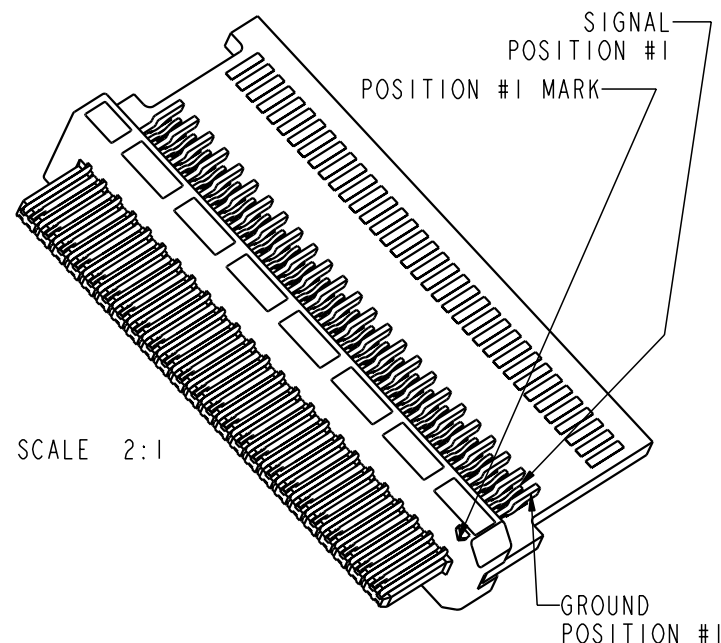
title	12X PLUG KIT		dwg no	58442		Rev.	J
	EYEMAX (TM)						
catalog no		-	CUSTOMER		sheet 4 of 5		

* PRODUCT NUMBER	DESCRIPTION
58442-001	PLUG KIT WITH UNEQUALIZED P1 PCB
58442-002	PLUG KIT WITHOUT PCB
58442-003	PLUG KIT WITH EQUALIZED P1 PCB WITHOUT COMPONENTS
58442-004	PLUG KIT FOR EQUALIZED P1 PCB WITH COMPONENTS
58442-101	PLUG KIT WITH UNEQUALIZED P2 PCB
58442-103	PLUG KIT WITH EQUALIZED P2 PCB WITHOUT COMPONENTS
58442-104	PLUG KIT FOR EQUALIZED P2 PCB WITH COMPONENTS

* ADD LF TO PART NUMBER FOR LEAD FREE SOLDER TAILS
EXAMPLE: 58442-001LF SEE NOTES 1, 4, 7 AND 8

NOTES:

- ① PACKAGING SPECIFICATION GS-14-794
PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING SPECIFICATION GS-14-920.
2. 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.
3. PRODUCT SPECIFICATION GS-12-209
- ④ MATERIAL:
CONTACTS: COPPER ALLOY WITH GOLD OVER NICKEL PLATING IN THE CONTACT AREA AND TIN/LEAD PLATING ON SOLDER TAILS UNLESS THE PART NUMBER ENDS IN LF
LEAD FREE SOLDER TAIL PLATING 2µm (80u") MIN MATTE TIN OVER 1.27µm(50u") MIN NICKEL UNDERPLATE.
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0 RATED SUITABLE FOR REFLOW SOLDERING.
SHELLS: ZINC WITH NICKEL PLATING AND COPPER UNDERPLATING
PULL TAB & CABLE COLLAR: THERMOPLASTIC
LATCH: STAINLESS STEEL
5. MATES WITH RECEPTACLE 58366 OR 58367.
6. PLUG ASSEMBLIES, COVER ASSEMBLY KITS (58477) AND CABLE COLLARS (10007641) CAN BE PURCHASED AS SEPERATE ITEMS. PLUG ASSEMBLY DRAWINGS ARE 58443-NO PCB, 58638-UNEQUALIZED, 10026694-EQUALIZED.
- ⑦ 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.
- ⑧ LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.



title	12X PLUG KIT		dwg no	58442		Rev.	J
	EYEMAX (TM)						
catalog no			-	CUSTOMER	sheet 5 of 5		