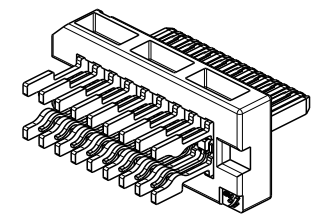
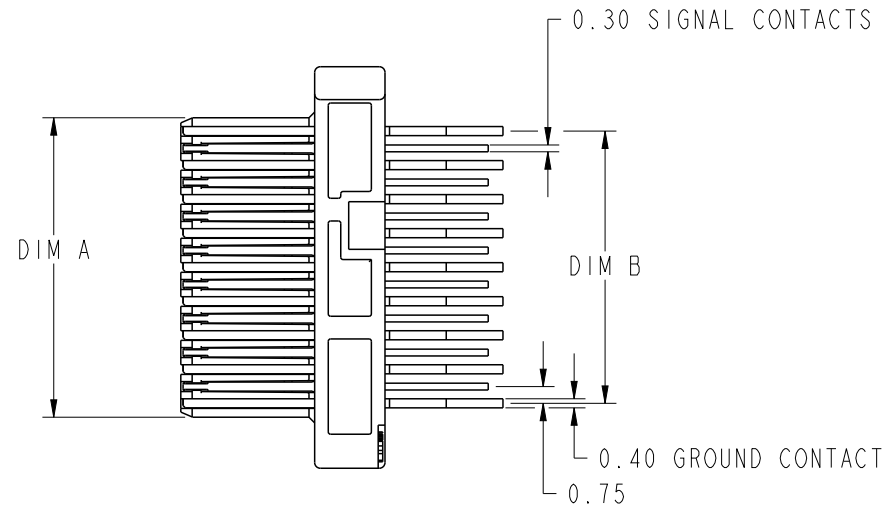
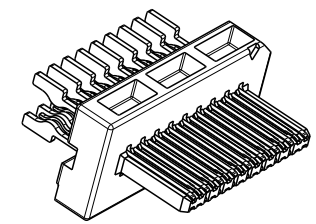


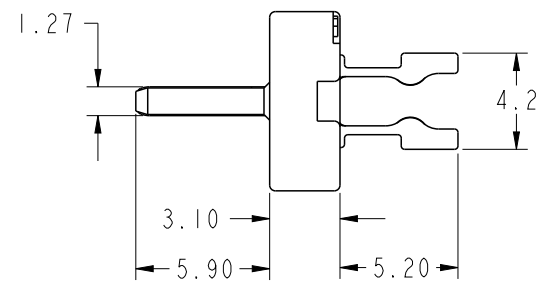
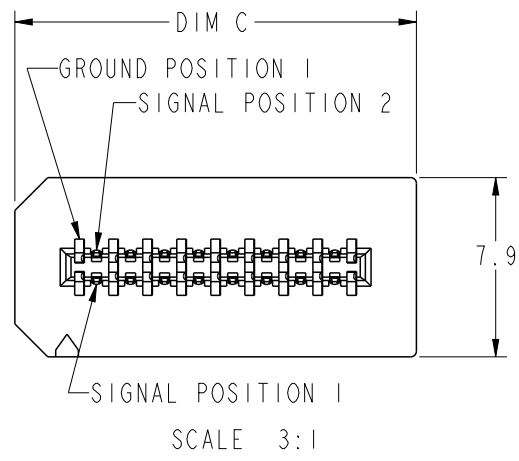
PRODUCT NUMBER	DIM A	DIM B	DIM C
58443-001 58443-001LF	13.2	12.0	17.7



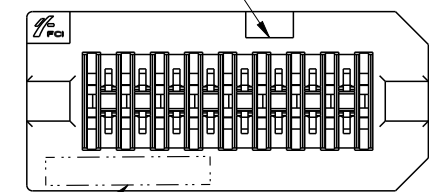
SCALE 2:1



SCALE 2:1



POLARIZING FEATURE



DATE CODE PRINTED IN THIS AREA

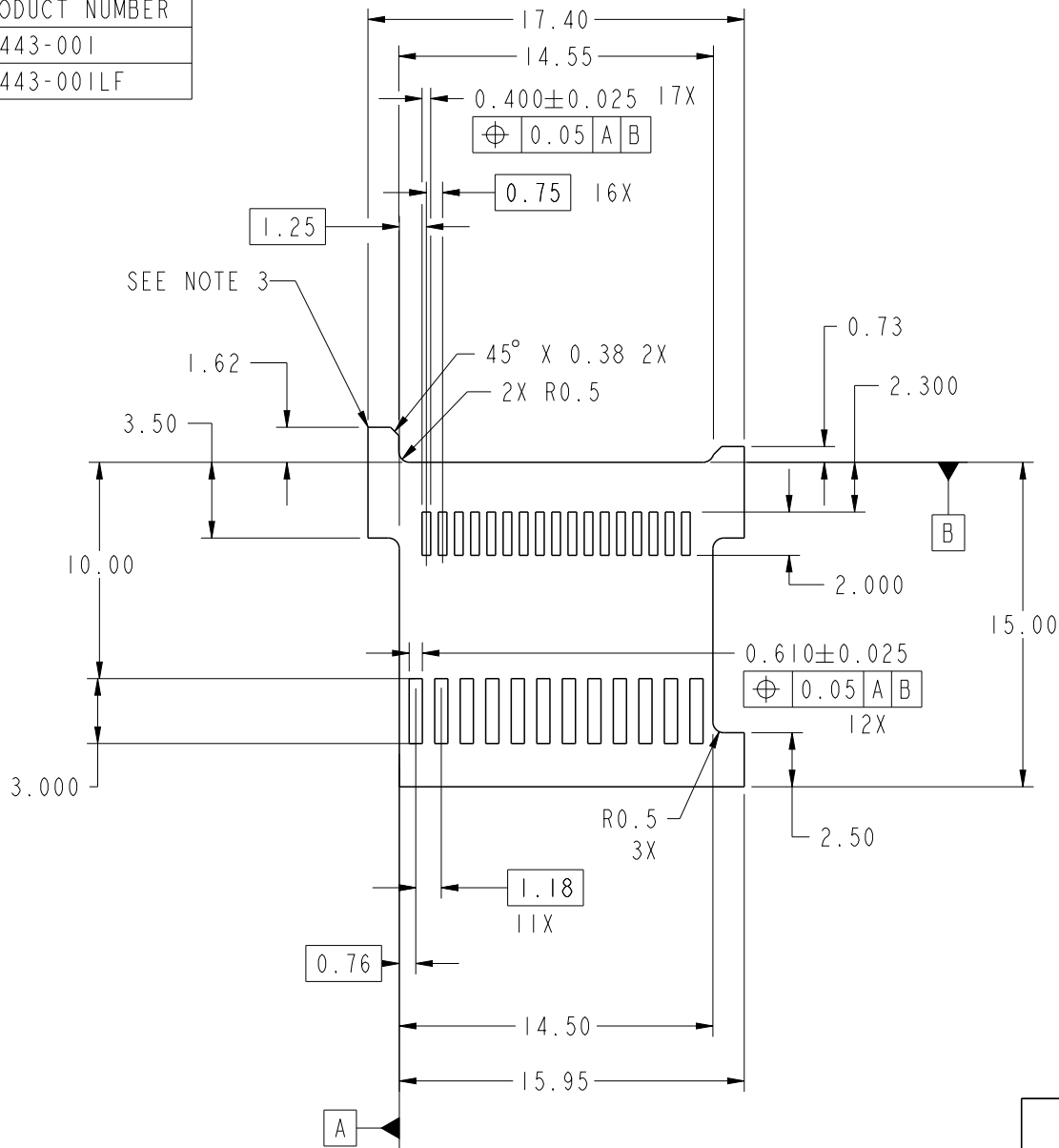


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www.fciconnect.com		surface 3.2 ASME Y14.5	tolerance std ASME Y14.5	projection MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED		size A4
Dr	G. PETERS	2003/04/01	ANGULAR	Scale 2:1
Eng	D. BRANN	2003/04/01	LINEAR	
Chr	HIRAN V N	2006/07/26	0° ±2°	ECN 109-0055
Appr	HIRAN V N	2006/07/26	Product family EyeMax (TM) Spec ref	
FCI		title EYEMAX PLUG <sup>®</sup> ASSEMBLY		dwg no 58443
		catalog no -		Rev. J
		CUSTOMER		sheet 1 of 3

rev	ecn no	dr	date
J	109-0055	RPK	2009/04/09
D	v04-0016	DAI	2004-02-09
E	v04-0484	DAI	2004-06-08
F	v05-0064	TAB	2005-03-03
G	v05-0528	DAI	2005-06-30
H	106-0123	HVN	2006/07/26

PRODUCT NUMBER  
58443-001  
58443-001LF



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").

**RECOMMENDED 4X PCB LAYOUT**  
SCALE 3:1

www.fciconnect.com		surface 3.2 ASME Y14.5	tolerance std ASME Y14.5	projection A4	MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED		← →	
Dr	G.PETERS	2003/04/01	ANGULAR	0.X	±.30
Eng	D.BRANN	2003/04/01	LINEAR	0.XX	±.10
Chr	HIRAN V N	2006/07/26	0° ±2°	0.XXX	±.050
Appr	HIRAN V N	2006/07/26	Product family EyeMax (TM)		Spec ref
title		EYEMAX PLUG <sup>®</sup> ASSEMBLY		dwg no	58443
-		-		Rev.	J
catalog no		-		CUSTOMER	sheet 2 of 3



CONNECTOR NOTES:

1. MATERIAL: HOUSING, HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0 RATED, SUITABLE FOR REFLOW SOLDERING. CONTACTS: COPPER ALLOY.
2. PLATING: GOLD OVER NICKEL IN CONTACT AREA AND TIN-LEAD ON SOLDER TAILS UNLESS PART NUMBER ENDS IN LF LEAD FREE SOLDER TAIL PLATING 2 $\mu$ m (80 $\mu$ " ) MIN MATTE TIN OVER 1.27 $\mu$ m (50 $\mu$ " ) MIN NICKEL UNDERPLATE
3. PRODUCT SPECIFICATION GS-12-209.
4. PACKAGING SPECIFICATION GS-14-794. PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING SPECIFICATION GS-14-920.
5. APPLICATION SPECIFICATION GS-20-026 FOR PADDLE CARD AND CABLE TERMINATION DETAIL.
6. MATES WITH LATCH-STYLE RECEPTACLE 58368, 58369 (4X), OR THUMBSCREW STYLE 10009629 (4X).
7. PLUG ALSO AVAILABLE WITH PCB ATTACHED. WITH UNEQUALIZED PCB 58638 OR EQUALIZED 4X 10026692 .
8. PLUG CAN BE PURCHASED AS PART OF A KIT THAT INCLUDES THE BACKSHELLS AND CABLE COLLARS. FOR 4X, 58441 FOR LATCH-STYLE PLUG KITS OR 10013923 FOR THUMBSCREW PLUG KITS.
9. 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.
10. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.



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www.fciconnect.com			surface 3.2 ASME Y14.5 $\checkmark$		tolerance std ASME Y14.5 -		projection 		MM 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	G. PETERS	2003/04/01	ANGULAR	LINEAR	0.X	$\pm$ .30	size	A4	Scale		
Eng	D. BRANN	2003/04/01			0.XX	$\pm$ .10			2:1		
Chr	HIRAN V N	2006/07/26	0°	$\pm$ 2°	0.XXX	$\pm$ .050	ECN	109-0055			
Appr	HIRAN V N	2006/07/26	Product family EyeMax (TM)				Spec ref				
			title EYEMAX PLUG <sup>®</sup> ASSEMBLY				dwg no		58443		Rev.
			catalog no				-		CUSTOMER		sheet 3 of 3