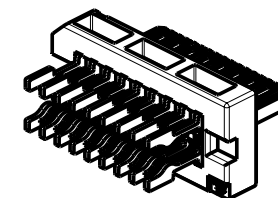
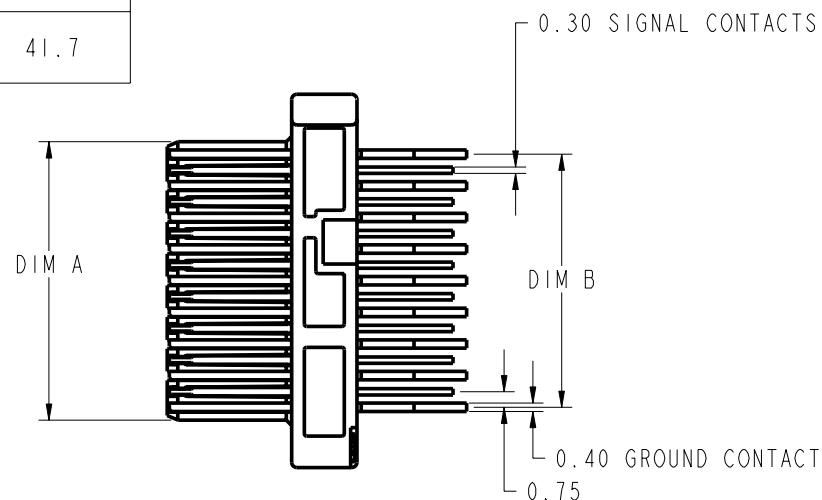
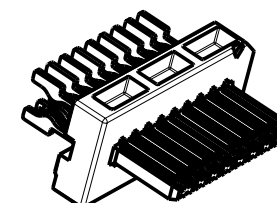


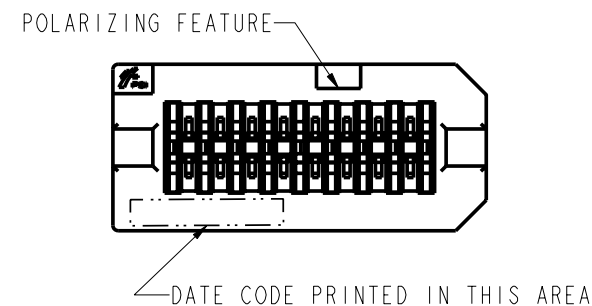
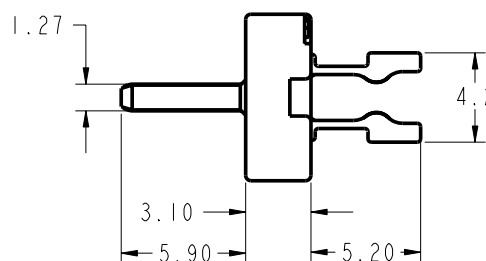
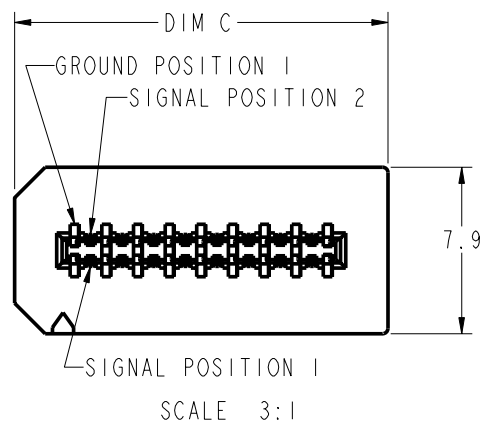
PRODUCT NUMBER	DIM A	DIM B	DIM C
58443-001 58443-001LF	13.2	12.0	17.7
58443-004 58443-004LF	37.2	36.0	41.7



SCALE 2:1



SCALE 2:1



rev	ecn no	dr	date
B	03-1046	GIP	2003-09-18
C	03-1119	DAI	2003-11-20
D	04-0016	DAI	2004-02-09
E	04-0484	DAI	2004-06-08
F	05-0064	TAB	2005-03-03
G	05-0528	DAI	2005-06-30
H	106-0123	HVN	2006/07/26

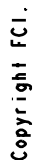
www.fciconnect.com			surface 3.2 ASME Y14.5		tolerance std ASME Y14.5		projection 		 MM	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	G.PETERS	2003/04/01	ANGULAR LINEAR		0.X		±.30		size A4	Scale 2:1
Eng	D.BRANN	2003/04/01			0.XX		±.10			
Chr	HIRAN V N	2006/07/26	0° ±2°		0.XXX		±.050		ECN 106-0123	
Appr	HIRAN V N	2006/07/26	Product family EyeMax (TM)							
			Spec ref							
			title EYEMAX PLUG ASSEMBLY				dwg no 58443		Rev H	
			catalog no				CUSTOMER		sheet 1 of 4	

REV F - 2006-04-17

PDM: Rev:H

STATUS: Released

Printed: Jan 28, 2008



www.fciconnect.com			surface 3.2 ✓ ASME Y14.5		tolerance std ASME Y14.5		projection 		MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	G.PETERS	2003/04/01	ANGULAR	LINEAR	0.X		±.30		size A4	Scale 2:1
Eng	D.BRANN	2003/04/01			0.XX		±.10			
Chr	HIRAN V N	2006/07/26			0.XXX		±.050			
Appr	HIRAN V N	2006/07/26	0° ±2°						ECN	106-0123
			Product family EyeMax (TM)					Spec ref		
			title EYEMAX PLUG ASSEMBLY				dwg no 58443			Rev. H
catalogo no			-				CUSTOMER			sheet 2 of 4



Copyright FCI.

PRODUCT NUMBER
58443-004
58443-004LF

SEE NOTE 3

1.25

0.75 48X

0.400±0.025
⊕ 0.05 A B 49X

2X R0.5

1.62

3.50

10.00

45° X 0.38 2X

3.000

0.610±0.025 36X
⊕ 0.05 A B

1.04 35X

1.05

38.50

39.95

A

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").

0.73
2.300
2.000
15.00
R0.5 3X
2.50

RECOMMENDED 12X PCB LAYOUT

SCALE 3:1

www.fciconnect.com			surface 3.2 ASME Y14.5	tolerance std ASME Y14.5	projection MM	size A4 Scale 2:1	
			TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	G.PETERS	2003/04/01	ANGULAR	LINEAR	0.X	±.30	ECN 106-0123
Eng	D.BRANN	2003/04/01			0.XX	±.10	
Chr	HIRAN V N	2006/07/26	0°	±2°	0.XXX	±.050	Spec ref
Appr	HIRAN V N	2006/07/26	Product family EyeMax (TM)				
FCI			title EYEMAX PLUG ASSEMBLY			dwg no 58443	Rev. H
			catalog no			CUSTOMER	sheet 3 of 4

REV F - 2006-04-17

PDM: Rev:H

STATUS: Released

Printed: Jan 28, 2008

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 2um (80u") MIN MATTE TIN OVER 1.27um (50u") 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 58366, 58367 (12X) OR 58368, 58369 (4X), OR THUMBSCREW STYLE 10009626 (12X) OR 10009629 (4X).
7. PLUG ALSO AVAILABLE WITH PCB ATTACHED. WITH UNEQUALIZED PCB 58638 OR EQUALIZED 4X 10026692 OR 12X 10026694.
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. FOR 12X, 58442 FOR LATCH-STYLE PLUG KITS OR 10014004 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.

www.fciconnect.com			surface 3.2 ASME Y14.5 ✓		tolerance std ASME Y14.5 -		projection ⊕		MM ↔	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	G.PETERS	2003/04/01	ANGULAR	LINEAR	0.X	±.30	size	A4	Scale	2:1
Eng	D.BRANN	2003/04/01			0.XX	±.10				
Chr	HIRAN V N	2006/07/26	0°	±2°	0.XXX	±.050	ECN	106-0123		
Appr	HIRAN V N	2006/07/26	Product family EyeMax (TM)				Spec ref			
FCI			title EYEMAX PLUG ASSEMBLY				dwg no 58443		Rev. H	
			catalog no -				CUSTOMER		sheet 4 of 4	