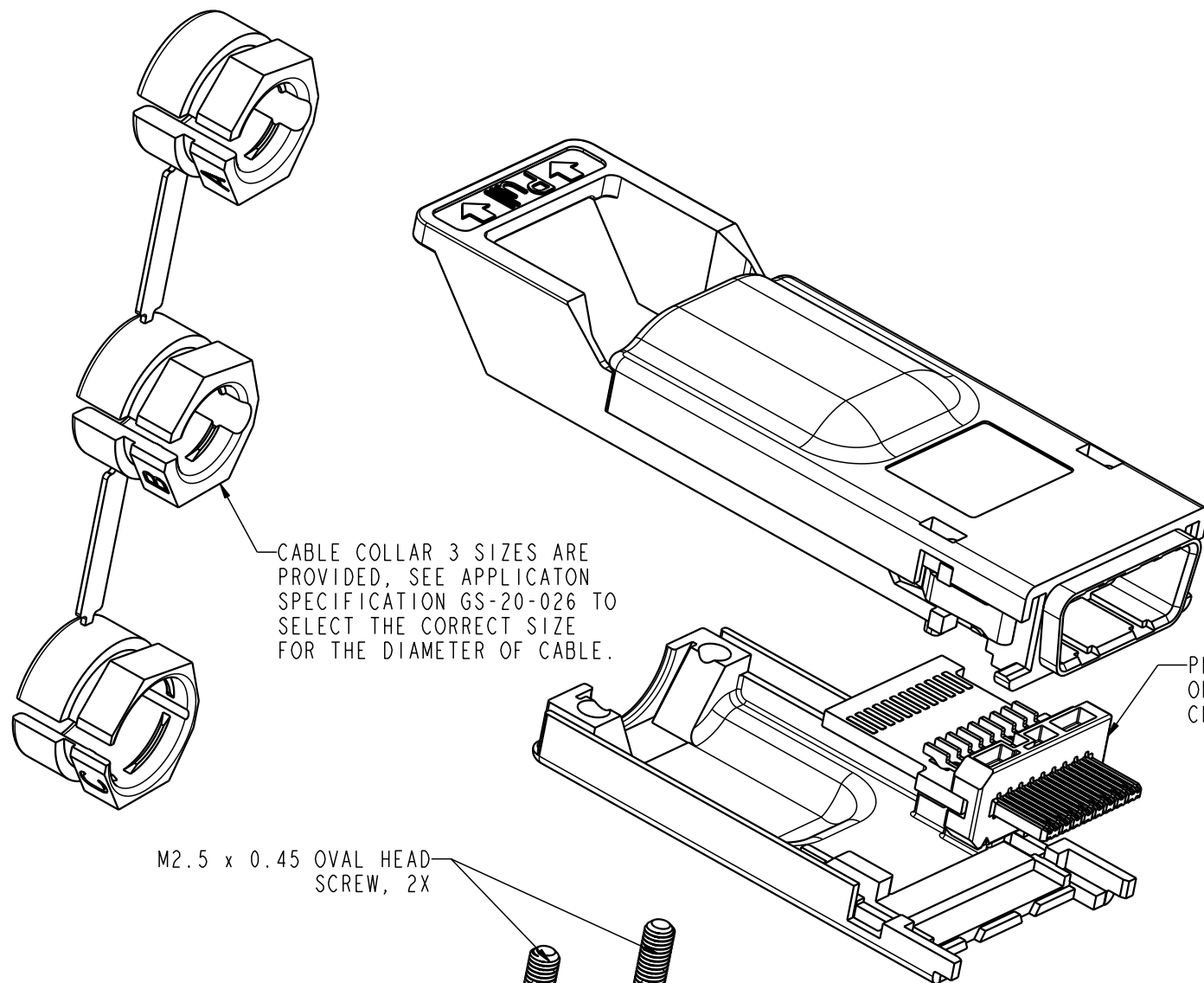


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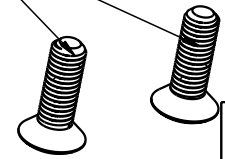
PRODUCT NO.
SEE TABLE



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 SCREW, 2X



TOLERANCES UNLESS OTHERWISE SPECIFIED		rev		ecn no	dr	date
LINEAR	0.X	±.3	F	V04-0008	DAI	01/28/04
	0.XX	±.10	G	V04-0508	DAI	06/16/04
	0.XXX	±.050	H	V05-0064	TAB	03/03/05
	ANGULAR	0° ±2°	J	V05-0528	DAI	06/30/05

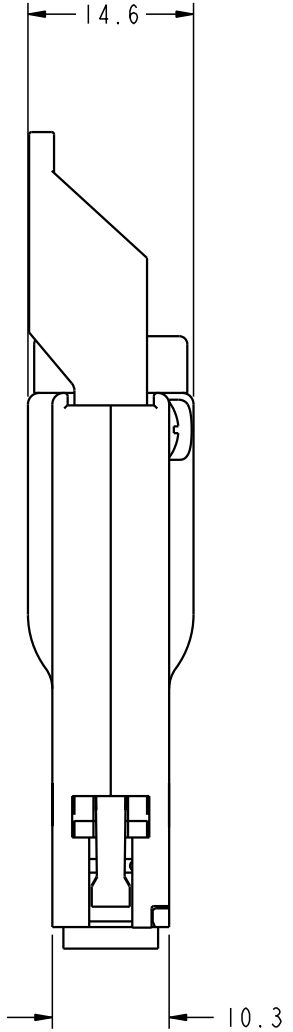
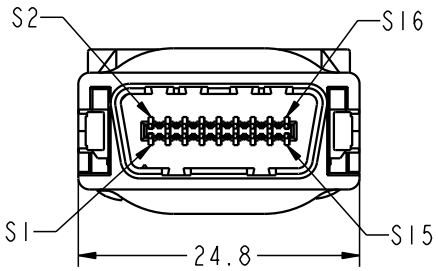
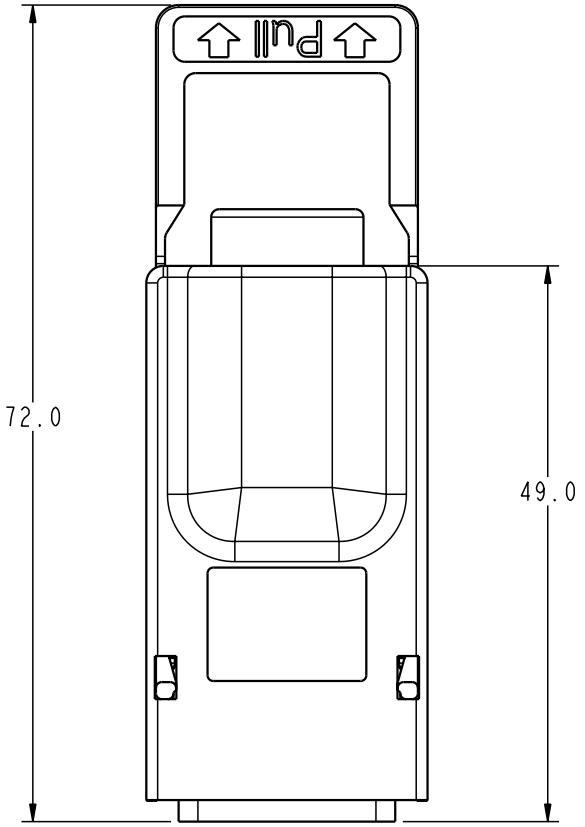
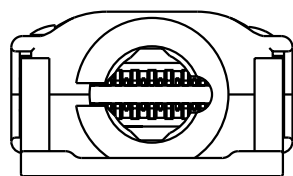
FCI		www.fciconnect.com		surface 3.2 ✓ ASME Y14.5	tolerance ASME Y14.5 -	projection ⊕	MM ↔
Dr	D.FUSSELMAN	2/28/02	Product family	EYEMAX(tm)	size	A4	Scale 1:1
Eng	S.OLSON	2/21/02	Spec ref	-	ECN	V05-0528	
Chr	T.BRUNGARD	7/30/02	Material	SEE NOTES			
Appr	D.BRANN	7/30/02					
title 4X PLUG KIT EYEMAX(tm)					dwg no 58441	Rev. J	
catalog no					CUSTOMER	sheet 1 of 5	



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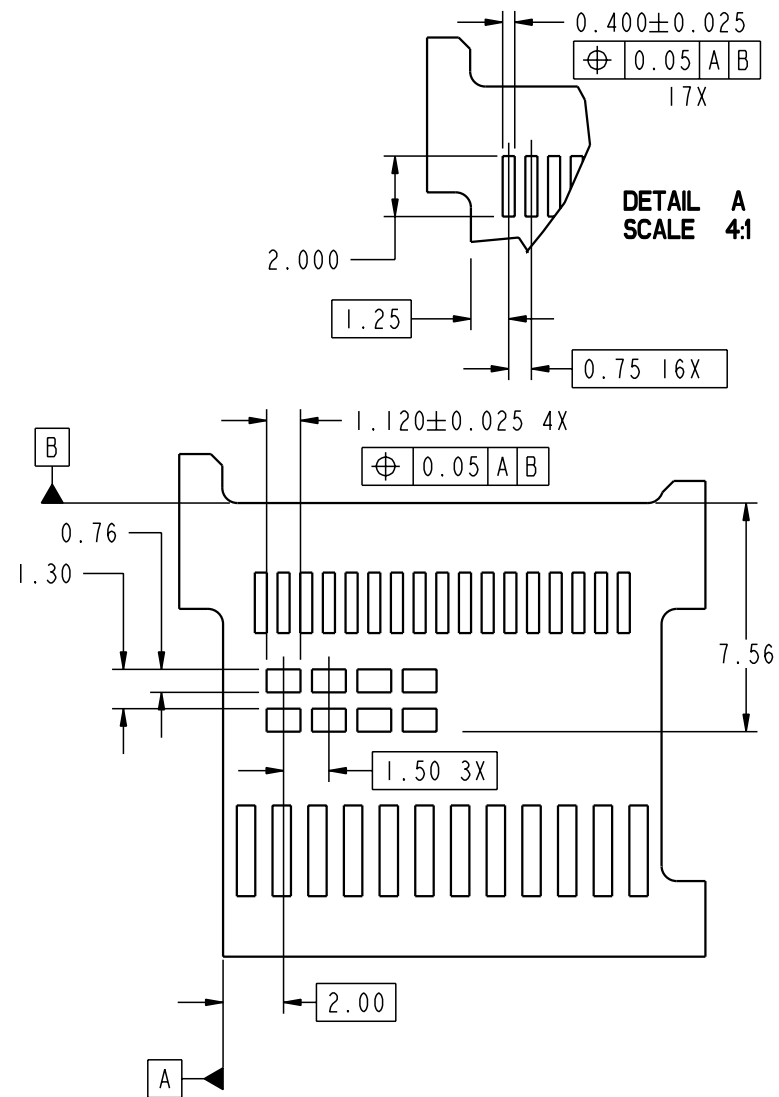
PRODUCT NO.
SEE TABLE



 Pro/E file	title 4X PLUG KIT EYEMAX (TM)		dwg no 58441	Rev. J
	catalog no	-	CUSTOMER	sheet 2 of 5

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SEE TABLE



RECOMMENDED PCB LAYOUT, FOR EQUALIZED PLUG*

*COMPONENT PADS ADDED TO EQUALIZED PCB,
ALL OTHER DIMENSIONS THE SAME AS
UNEQUALIZED PCB AS SHOWN.

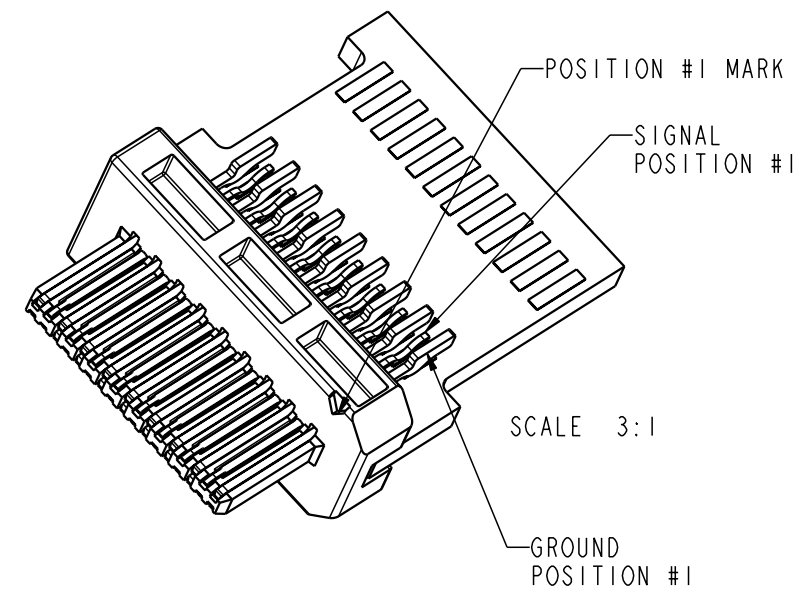
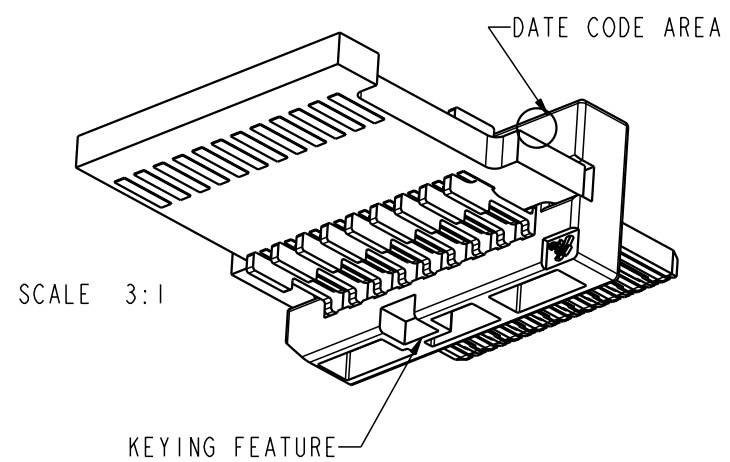
title	4X PLUG KIT EYEMAX(tm)	dwg no	58441	Rev	J
catalog no	-	CUSTOMER	sheet 3 of 5		



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PRODUCT NO.
SEE TABLE



title	4X PLUG KIT		dwg no	58441	Rev. J
	EYEMAX(tm)				
catalog no			-	CUSTOMER	sheet 4 of 5

PRODUCT NUMBER	DESCRIPTION
58441-001	PLUG KIT WITH UNEQUALIZED P1 PCB
58441-002	PLUG KIT WITHOUT PCB
58441-003	PLUG KIT WITH EQUALIZED P1 PCB WITHOUT COMPONENTS
58441-004	PLUG KIT WITH EQUALIZED P1 PCB WITH COMPONENTS
58441-101	PLUG KIT WITH UNEQUALIZED P2 PCB
58441-103	PLUG KIT WITH EQUALIZED P2 PCB WITHOUT COMPONENTS
58441-104	PLUG KIT WITH EQUALIZED P2 PCB WITH COMPONENTS

* ADD LF TO PART NUMBER FOR LEAD FREE SOLDER TAILS
EXAMPLE: 58441-001LF, 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 TERMINATIOAN DETAILS. FOR EASE OF WIRE MANAGEMENT, A P1 ASSEMBLY IS RECOMMENDED ON ONE END OF THE CABLE AND 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 TAIL UNLESS PART NUMBER ENDS IN LF.
LEAD FREE SOLDER TAIL PLATING 2um (80u") MIN MATTE TIN
OVER 1.27um (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 58368 OR 58369
6. PLUG ASSEMBLIES, COVER ASSEMBLY KITS (58476) AND CABLE COLLARS (10007239) CAN BE PURCHASED AS SEPARATE ITEMS. PLUG ASSEMBLY DRAWINGS ARE 58443-NO PCB, 58638-UNEQUALIZED, 10026692-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.

PCB NOTES:

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

title	4X PLUG KIT EYEMAX(tm)	dwg no	58441	Rev.	J
catalog no	-	CUSTOMER	sheet 5 of 5		