

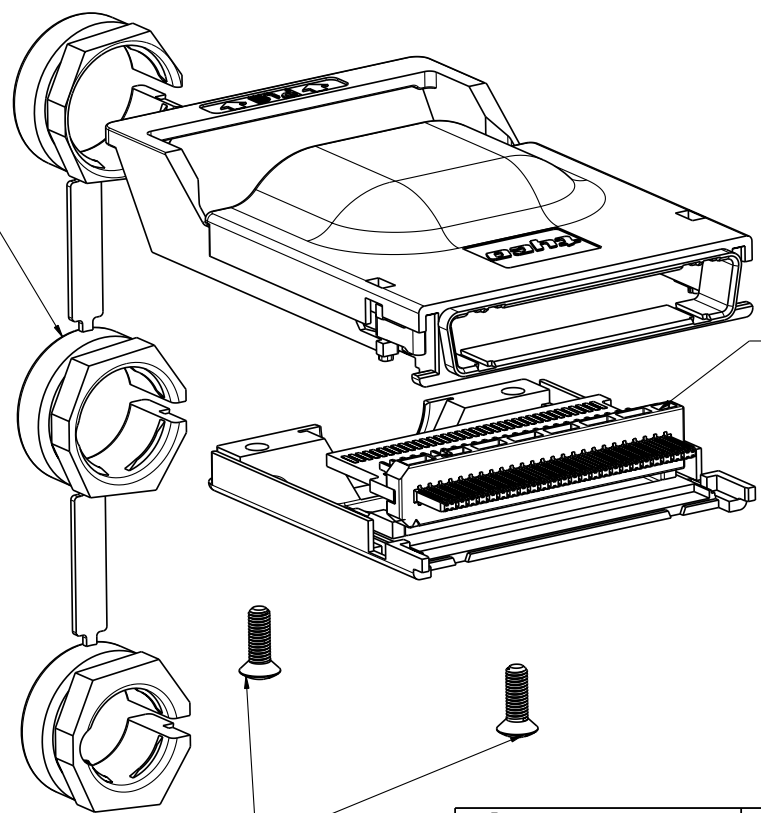
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SEE TABLE

CABLE COLLAR: 3 SIZES ARE AVAILABLE: SEE APPLICATION SPEC. 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 .45 OVAL HEAD SCREWS, 2X

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

rev	ecn no	dr	date
A	V03-0152	GIP	04/03/03
B	V03-0584	GIP	05/30/03
C	V03-0971	DAI	10/23/03
D	V04-0008	DAI	01/28/04
E	V05-0064	TAB	03/04/05
F	V05-0528	DAI	06/30/05

FCI		www.fciconnect.com	surface 3.2 ASME Y14.5	tolerance ASME Y14.5	projection	MM	
Dr	G. PETERS	04/03/03	Product family	EYEMAX(tm)	size	A4	
Eng	D. BRANN	04/03/03	Spec ref	-	Scale	3:2	
Chr	G. PETERS	04/03/03	Material	SEE NOTES	ECN	V05-0528	
Appr	D. BRANN	04/03/03					
12X PLUG KIT						dwg no	10019364
For TYCO						Rev.	F
catalog no						CUSTOMER	sheet 1 of 5

PDM: Rev:F

STATUS: Released

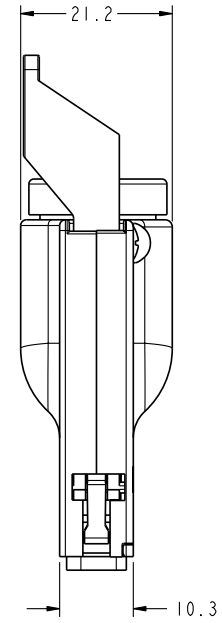
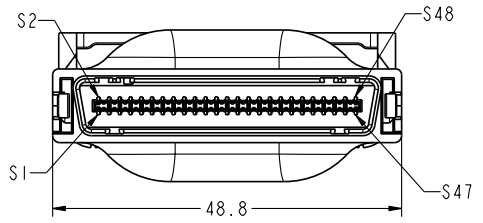
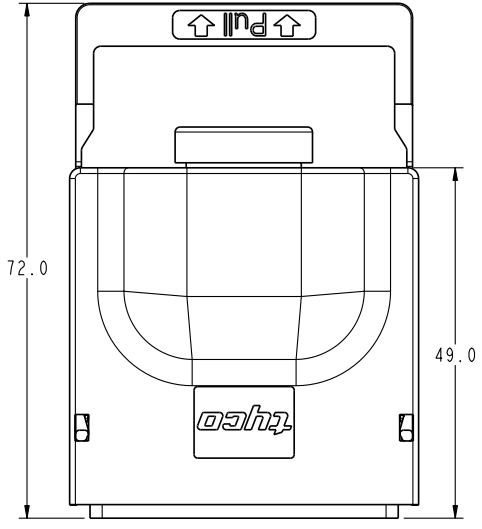
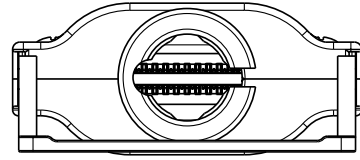
4 Printed: Jul 22, 2010

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title	12X PLUG KIT For TYCO	dwg no	10019364	Rev.	F
catalog no			CUSTOMER	sheet 2 of 5	

3 PDM: Rev:F STATUS Released 4 Printed: Jul 22, 2010

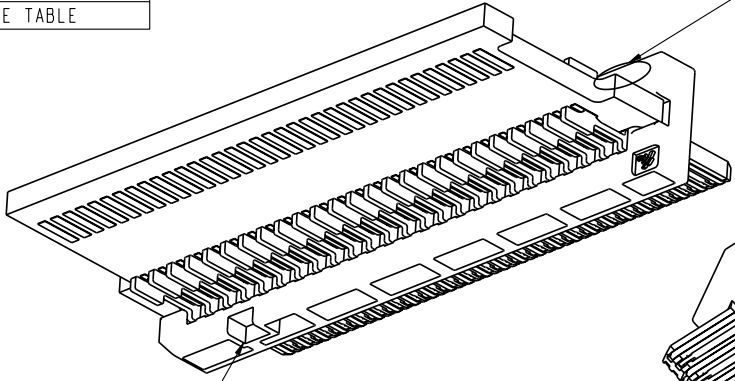
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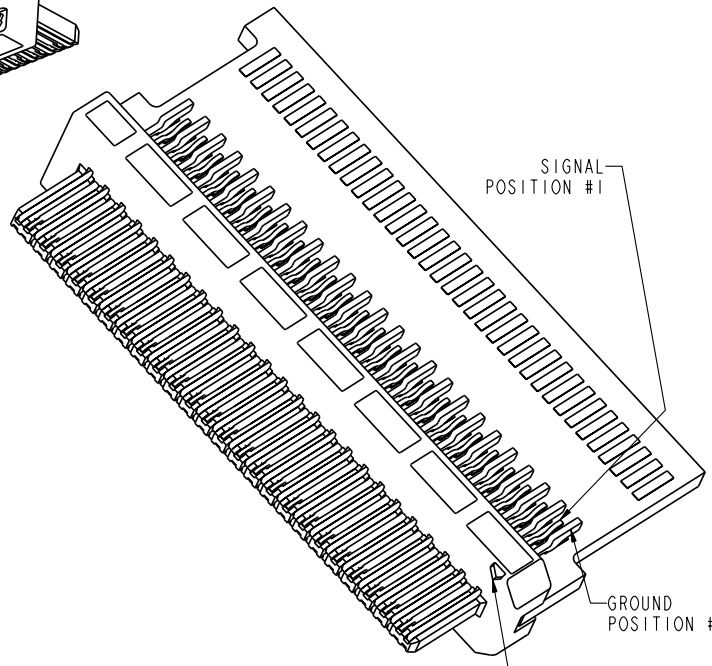
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DATE CODE AREA



KEYING FEATURE
SCALE 3:1



SIGNAL
POSITION #1

GROUND
POSITION #1

POSITION #1 MARK
SCALE 3:1

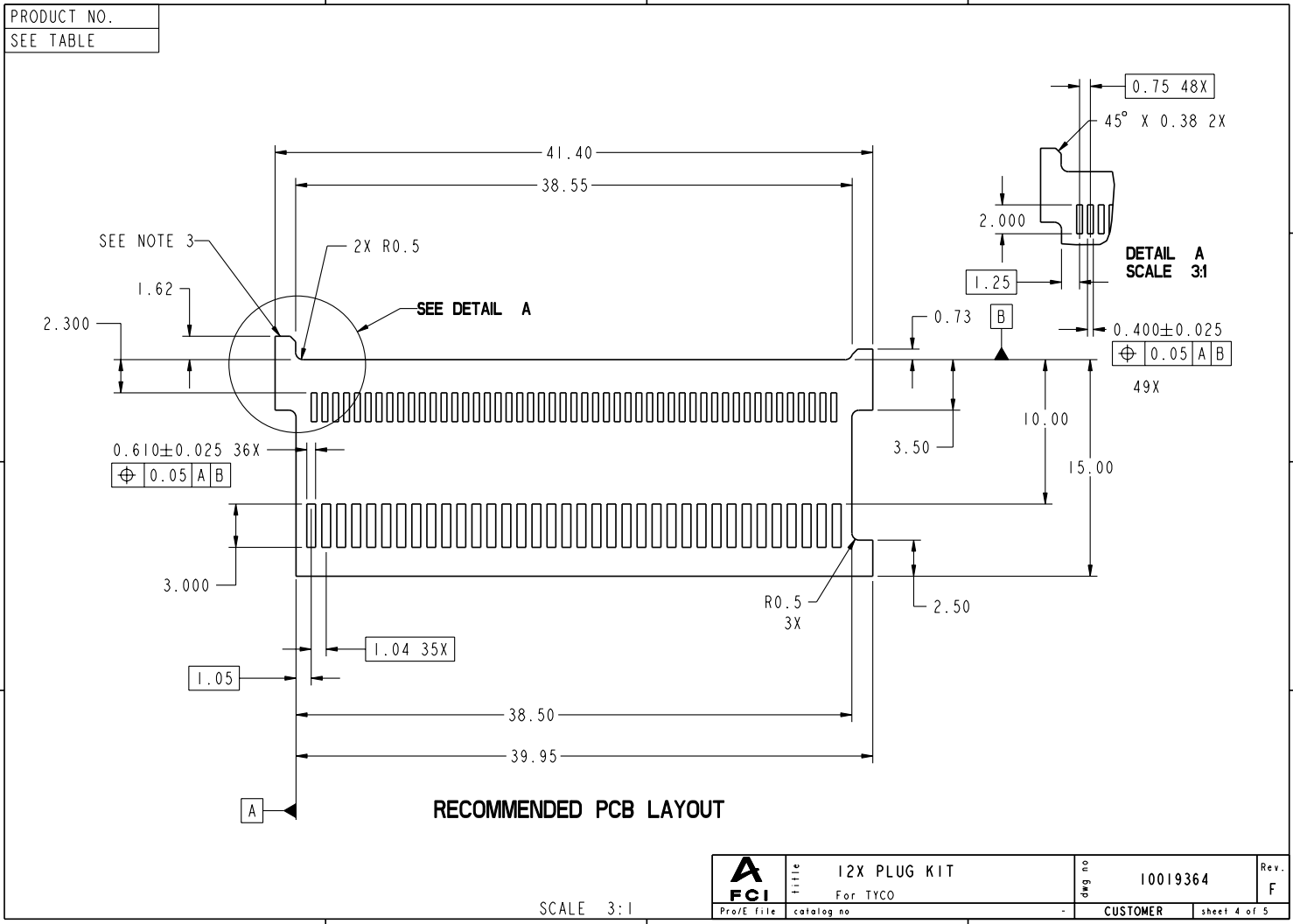
title	12X PLUG KIT For TYCO	diag no	10019364	Rev.	F
catalog no			CUSTOMER	sheet 3 of 5	

3 PDM: Rev:F STATUS Released 4 Printed: Jul 22, 2010

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PRODUCT NO.
SEE TABLE

DETAIL A
SCALE 3:1

RECOMMENDED PCB LAYOUT

SCALE 3:1

	title	12X PLUG KIT	draw no	10019364	Rev.	F
	For	TYCO	CUSTOMER	sheet 4 of 5		
Pro/E file	catalog no					

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* PRODUCT NUMBER	DESCRIPTION
10019364-001	TYCO PLUG KIT WITH UNEQUALIZED PCB
10019364-002	TYCO PLUG KIT WITHOUT PCB
10019364-003	TYCO PLUG KIT WITH EQUALIZED PCB WITHOUT COMPONENTS
10019364-004	TYCO PLUG KIT WITH EQUALIZED PCB WITH COMPONENTS

* ADD LF TO END OF PART NUMBER FOR LEAD FREE SOLDER TAILS
 EXAMPLE: 10019364-001LF, SEE LEAD FREE NOTES BELOW.

NOTES:

- PACKAGING SPECIFICATION: GS-14-794
- APPLICATION SPECIFICATION GS-20-026 FOR PADDLE CARD AND CABLE TERMINATION DETAILS.
- PRODUCT SPECIFICATION GS-12-209
- MATERIAL:
 - CONTACTS: COPPER ALLOY WITH GOLD OVER NICKEL PLATING IN THE CONTACT AREA AND TIN/LEAD PLATING ON SOLDER TAIL UNLESS PART NUMBER ENDS 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
- MATES WITH RECEPTACLE 58366 OR 58367.

LEAD FREE NOTES:

- 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.
- PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING SPECIFICATION GS-14-920.
- LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

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).

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A
B
C
D