

This drawing involves proprietary design rights of Tyco Electronics Corporation, and all design, manufacture, reproduction, use and sale rights regarding the same are expressly reserved. It is submitted for a specific purpose and the recipient by accepting this drawing, assumes custody and control and agrees to take reasonable precautions; (a) that this drawing will not be copied and reproduced, in whole or in part, or its contents revealed in any manner, or to any person except to meet the purpose for which it was delivered and (b) that any special features peculiar to this design will not be incorporated in other projects without the expressed written permission of Tyco Electronics Corporation.

REVISIONS			
EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	07/28/05

5. CONNECTOR INFORMATION

CONNECTOR	TYCO PART NUMBER	CONFIGURATION REF #	CONTACT	POSITION	CONTACT PITCH	VOLTAGE RATING*
SOCKET	1766694-1	MPK018	SIGNAL	3-26	2.50 [.098]	60 VOLTS
			POWER	1-2	6.00 [.236]	60 VOLTS
			POWER	27-29	7.50 [.295]	250 VOLTS

*IAW UL 60950

NOTES: UNLESS OTHERWISE SPECIFIED,

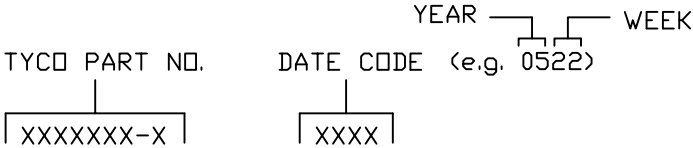
1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
2. MATERIALS:

INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR-BLACK, UL94V-0 FLAMMABILITY RATED.

POWER CONTACTS: COPPER ALLOY.
3. FINISHES:

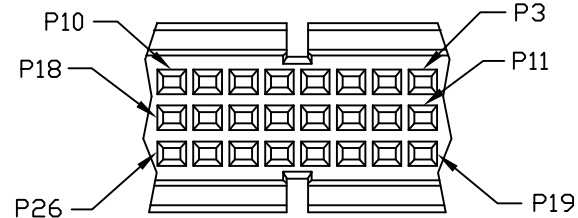
CONTACT PLATING: GOLD PLATED PER MIL-G-45204 TYPE II, CLASS 0, .000030" MIN. THICKNESS OVER NICKEL, PER QQ-N-290,

TERMINALS: TIN PLATED, MATTE FINISH .000100" MIN. THICKNESS.
4. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER.

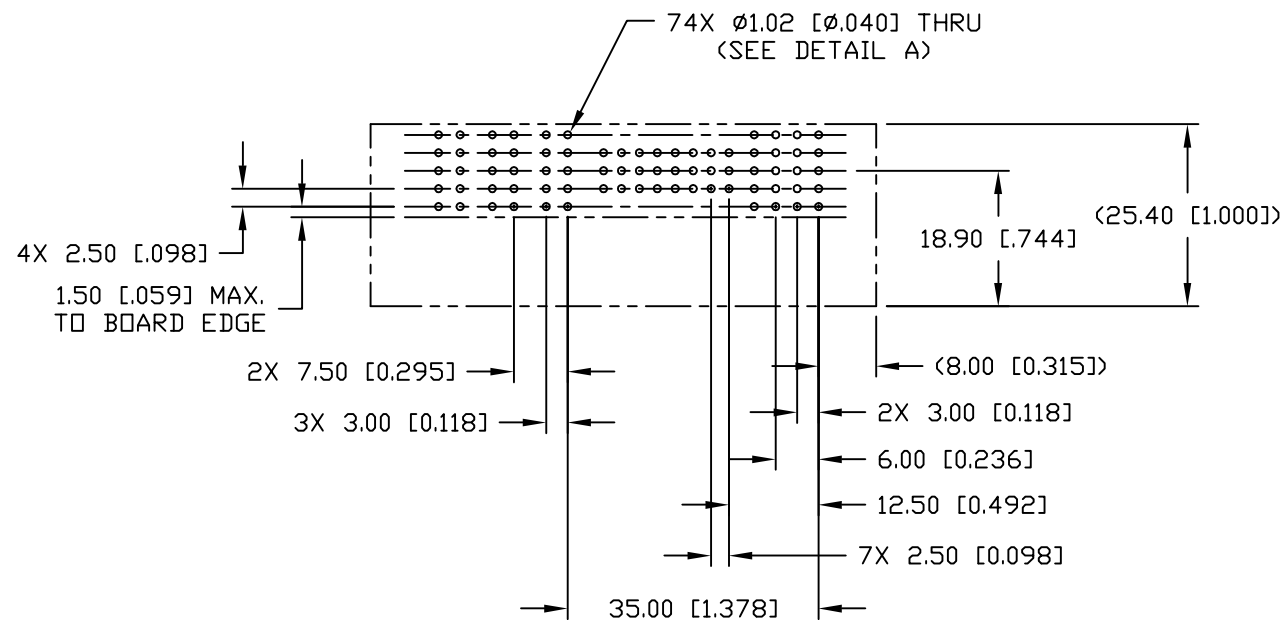
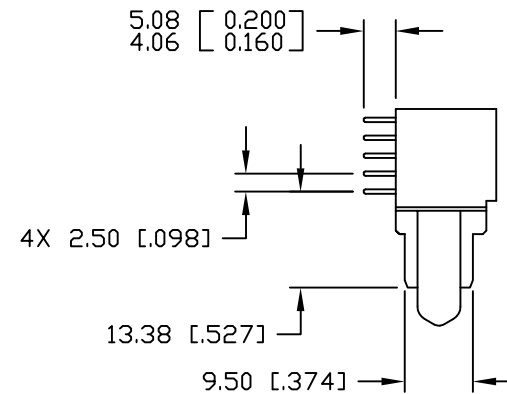


← MM OR MM [INCH] → INCH THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN	R. F. A.	DATE	06/22/05	tyco Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON TITLE CONNECTOR, SOCKET, RIGHT ANGLE STANDARD SOLDER TAILS, MINIPAK PN 1766694-1			
	CHECKED							
	APPROVED							
	APPROVED			SIZE	DWG NUMBER	REV.		
	D. CHAU	07/28/05	B	C = 1766694	A			
M. ALIM	07/28/05	ACAD FILE NUMBER			C1766694A.DWG	DWG SCALE	1 = 1	SH 1 OF 3

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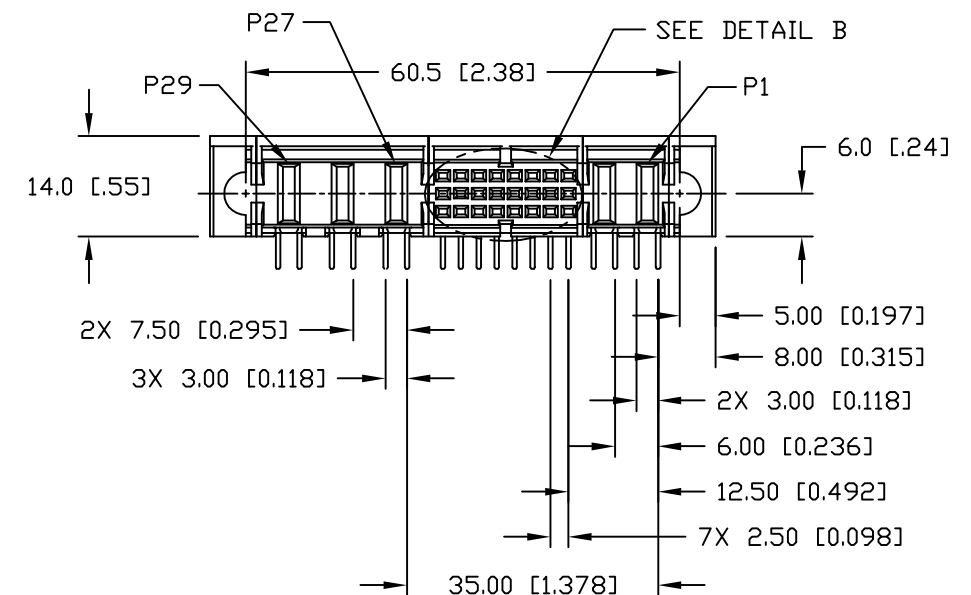
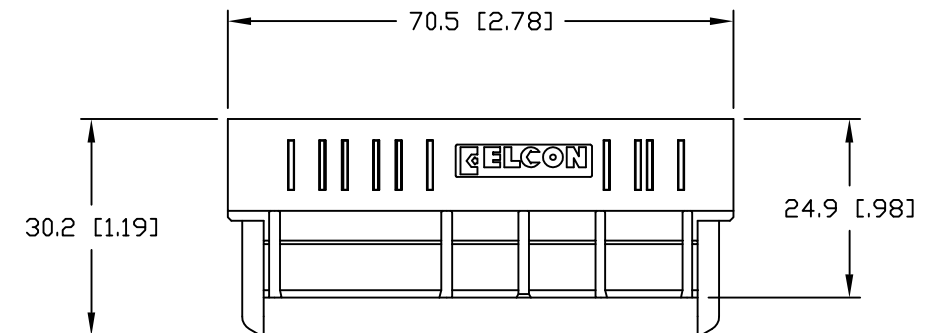


DETAIL B



RECOMMENDED PC LAYOUT

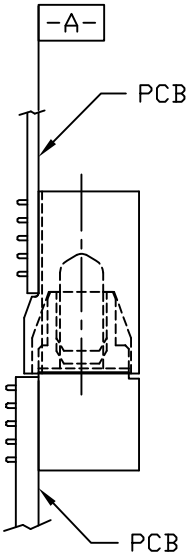
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



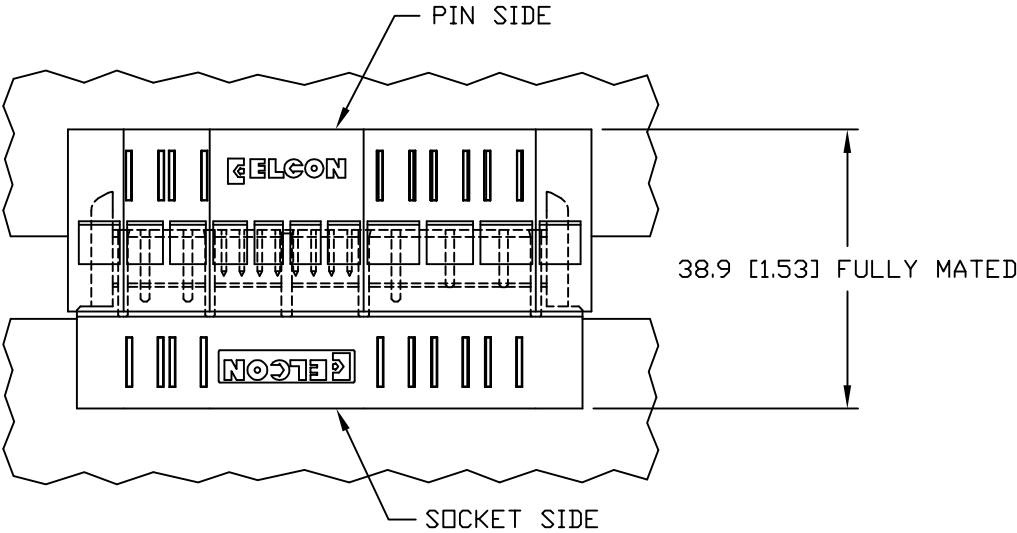
MM INCH OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN R. F. A.	DATE 06/22/05	tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON		
	CHECKED		TITLE CONNECTOR, SOCKET, RIGHT ANGLE STANDARD SOLDER TAILS, MINIPAK PN 1766694-1		
	APPROVED				
	APPROVED				
	D. CHAU	07/28/05	SIZE B	DWG NUMBER C = 1766694	REV. A
DCA APPROVED M. ALIM	07/28/05				
ACAD FILE NUMBER		C1766694A.DWG		DWG SCALE 1 = 1	SH 2 OF 3

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EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



NOTE: PRINTED CIRCUIT BOARDS
ARE AT THE SAME DATUM A.



MATED CONDITION

DETAIL A

COMPLIANT TERMINATION AREA

RECOMMENDED PRINTED CIRCUIT HOLE
FOR COMPLIANT PRESS FIT

FINISHED HOLE: $\varnothing 1.02$ [.040] $\pm .08$ [.003]

DRILLED HOLE: $\varnothing 1.15$ [.0453] $\pm .013$ [.0005]

COPPER PLATE: .025 [.0010] MINIMUM (PER SURFACE)

TIN PLATE: .008 [.0003] MINIMUM (PER SURFACE)

MM INCH OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN R. F. A.	DATE 06/22/05	tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON		
	CHECKED		TITLE		
	APPROVED		USER INFORMATION AND MATED CONDITION PN 1766694-1		
	APPROVED		SIZE	DWG NUMBER	REV.
	D. CHAU	07/28/05	B	C = 1766694	A
DCA APPROVED	07/28/05				
M. ALIM					
ACAD FILE NUMBER		C1766694A.DWG		DWG SCALE 1 = 1	SH 3 OF 3

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

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