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## REVISIONS

EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	2/9/06

B

B

## 5. CONNECTOR INFORMATION

CONNECTOR	TYCO PART NUMBER	CONFIGURATION REF #	CONTACT	POSITION	CONTACT PITCH	VOLTAGE RATING*
SOCKET	6651673-1	MPK012	SIGNAL	3-8	2.50 [.098]	60 VOLTS
			POWER	1-2, 9-10	6.00 [.236]	60 VOLTS

\*IAW UL 60950

NOTES: UNLESS OTHERWISE SPECIFIED.

- PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
- MATERIALS:
  - INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR BLACK. UL94V-0 FLAMMABILITY RATED.
  - SIGNAL CONTACTS: BRASS ALLOY.
  - POWER CONTACTS: COPPER ALLOY.
- FINISHES:
  - CONTACTS: GOLD PLATE .000030" MIN. THK, OVER NICKEL .000040" MIN. THICKNESS.
  - TERMINALS: TIN PLATE, MATTE FINISH .000100" MIN. THICKNESS.
- ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER.



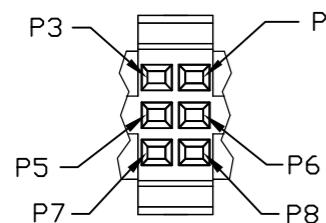
 <b>THIRD ANGLE PROJECTION</b>	DRAWN R. F. A.	DATE 2/9/06	<b>tyco</b> <b>Electronics</b> Tyco Electronics Corporation Menlo Park, Ca 94025 <b>ELCON</b>
	CHECKED		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED		<b>TITLE</b>
TOLERANCES	APPROVED		MINIPAK SOCKET CONNECTOR
ANGLES $\pm .5^\circ$	D. CHAU	2/9/06	STRAIGHT, SOLDER TAILS
DECIMALS	DCA APPROVED		
.XX $\pm .25$ [.010]			
.X $\pm .5$ [.020]			
ACAD FILE NUMBER	C - 6651673	REV.	A
	C6651673A.DWG	DWG SCALE	1=1
		SH 1 OF 3	

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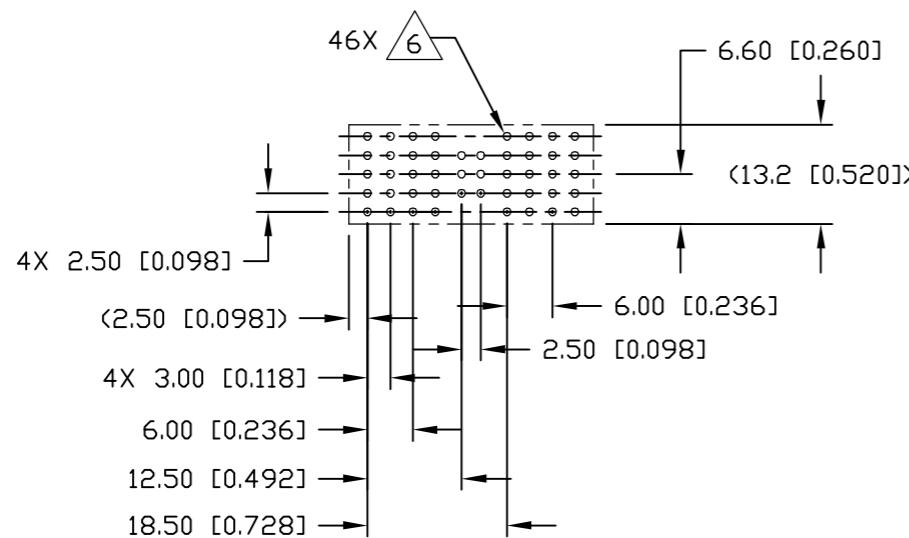
## REVISIONS

EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

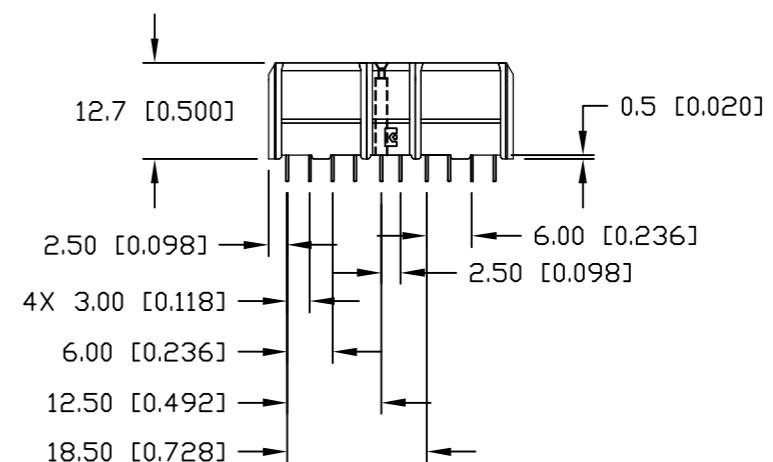
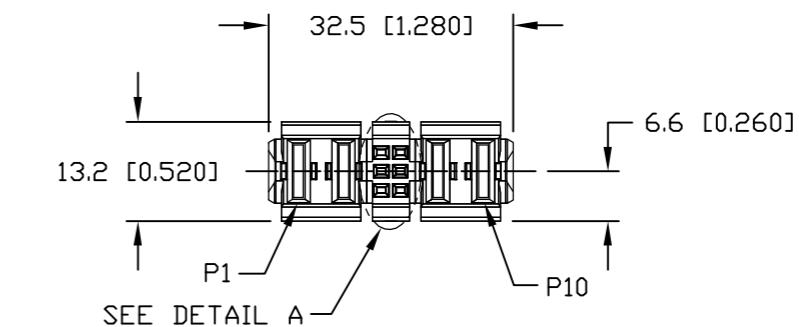
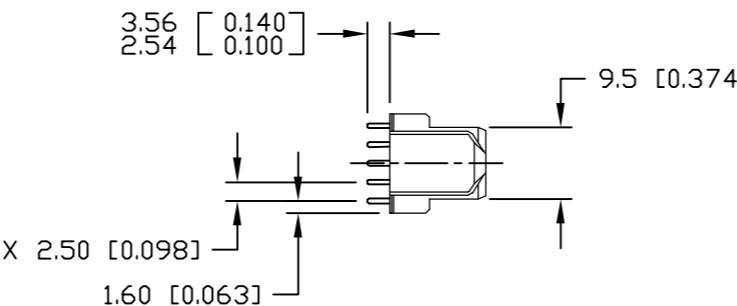
B



DETAIL A



RECOMMENDED PC LAYOUT



MM  
INCH OR MM [INCH]  
THIRD ANGLE PROJECTION

UNLESS OTHERWISE  
SPECIFIED DIMENSIONS  
ARE IN METRIC [INCHES]

## TOLERANCES

ANGLES  $\pm .5^\circ$ 

DECIMALS

 $.XX \pm .25 [0.010]$  $.X \pm .5 [0.020]$ 

ACAD FILE NUMBER

DRAWN  
R. F. A.  
DATE  
2/9/06

CHECKED

APPROVED

APPROVED

D. CHAU

DCA APPROVED

ACAD FILE NUMBER

tyco  
Electronics

Tyco Electronics Corporation  
Menlo Park, Ca 94025

ELCON

TITLE  
MINIPAK SOCKET CONNECTOR  
STRAIGHT, SOLDER TAILS

SIZE  
DWG NUMBER  
B  
C - 6651673

REV.

A

DWG SCALE

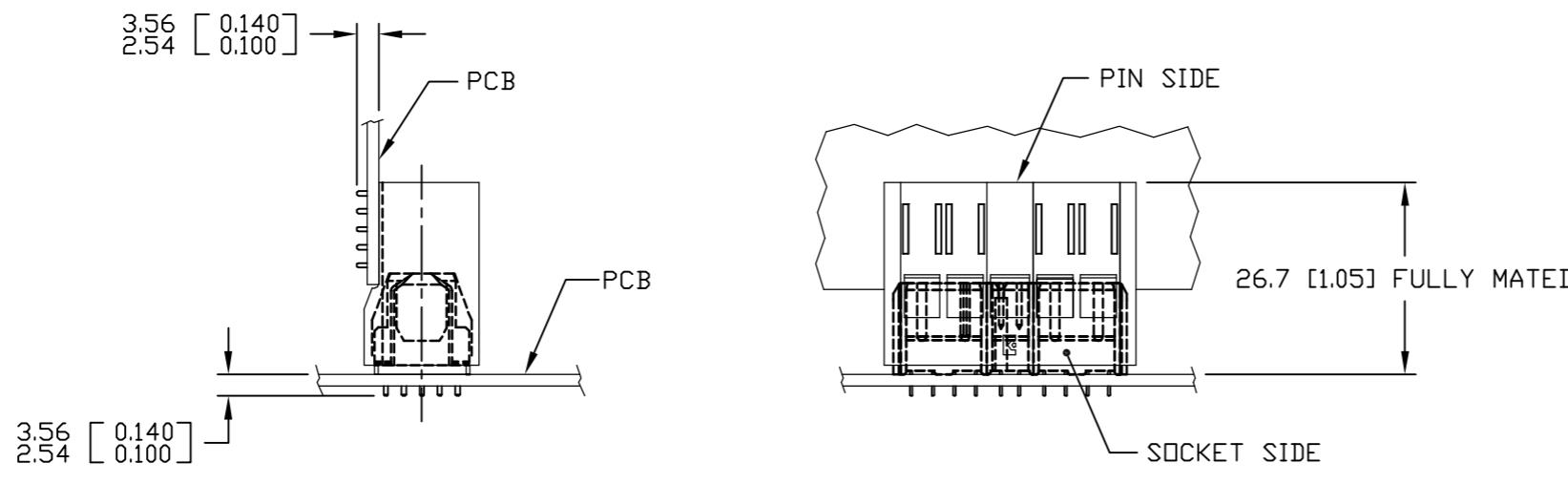
1=1

SH 2 OF 3

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## REVISIONS

EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

MATED CONDITION6 SOLDER TERMINATION AREA

RECOMMENDED PRINTED CIRCUIT HOLE

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

COPPER PLATE: .025-.050 [.001-.002] MINIMUM (PER SURFACE)

TIN PLATE: .0005 [.00002] MINIMUM (PER SURFACE)

 INCH OR MM [INCH] THIRD ANGLE PROJECTION	DRAWN R. F. A.	DATE 2/9/06	 Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED		TITLE USER INFORMATION AND MATED CONDITION
TOLERANCES	APPROVED D. CHAU	2/9/06	
ANGLES $\pm .5^\circ$	APPROVED D. CHAU	2/9/06	
DECIMALS	DCA APPROVED		SIZE DWG NUMBER B C - 6651673
.XX $\pm .25$ [.010]			REV. A
.X $\pm .5$ [.020]	ACAD FILE NUMBER C6651673A.DWG	C6651673A.DWG	DWG SCALE 1=1 SH 3 OF 3

# Mouser Electronics

Authorized Distributor

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[6651673-1](#)