

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 to any person, 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	1/16/06

5. CONNECTOR INFORMATION

CONNECTOR	TYCO PART NUMBER	CONFIGURATION REF #	CONTACT	POSITION	CONTACT PITCH	VOLTAGE RATING*
SOCKET	6651143-1	MPK006	SIGNAL	3-26	2.50 [L098]	60 VOLTS
			POWER	1-2	6.00 [L236]	60 VOLTS
			POWER	27-29	7.50 [L295]	250 VOLTS

*IAW UL 60950

NOTES: UNLESS OTHERWISE SPECIFIED.

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

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

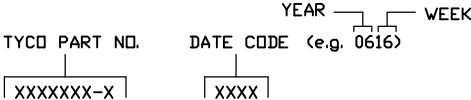
SIGNAL CONTACTS: BRASS ALLOY.

POWER CONTACTS: COPPER ALLOY.

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

TERMINALS: TIN PLATE, MATTE FINISH
.000100" MIN. THICKNESS.

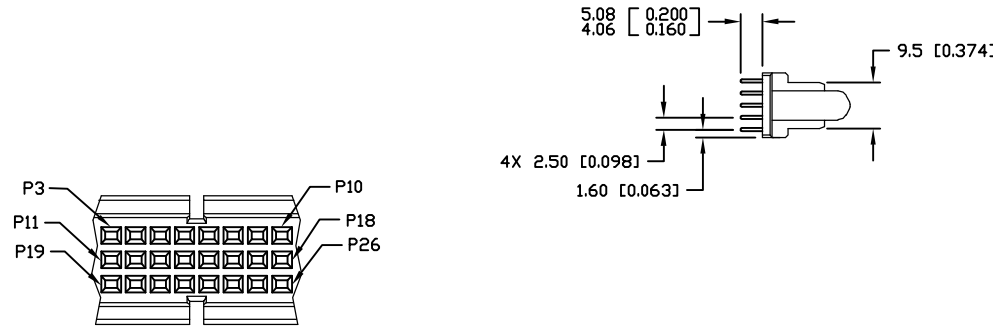
4. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER.



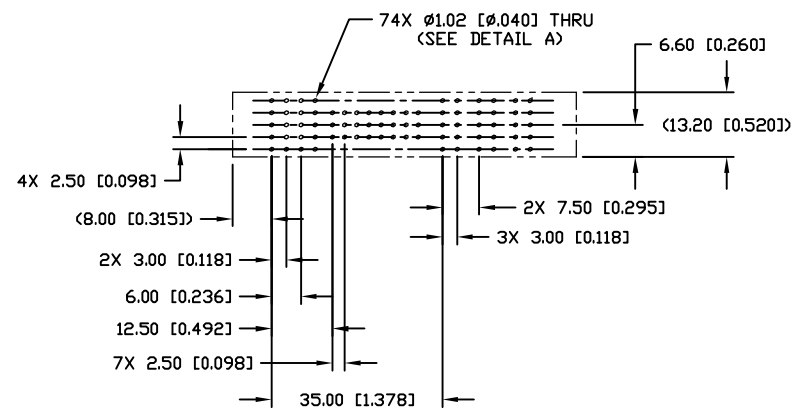
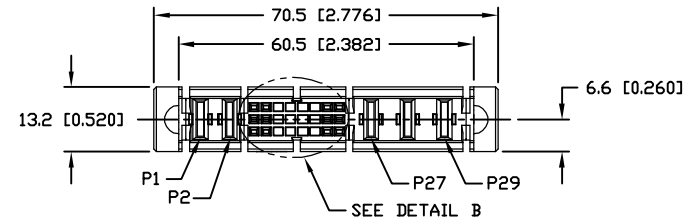
MM INCH OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [L010] .X ± .5 [L020]	DRAWN R. F. A.	DATE 1/16/06	Tyco Electronics Corporation Menlo Park, Ca 94025	
	CHECKED		TITLE	
	APPROVED		MINIPAK SOCKET CONNECTOR STRAIGHT, SOLDER TAILS PN 6651143-1	
	APPROVED D. CHAU	1/16/06	SIZE B	DWG NUMBER C = 6651143
	DCA APPROVED		REV. A	
ACAD FILE NUMBER C6651143A.DWG		DWG SCALE 1=1		SH 1 OF 3

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.

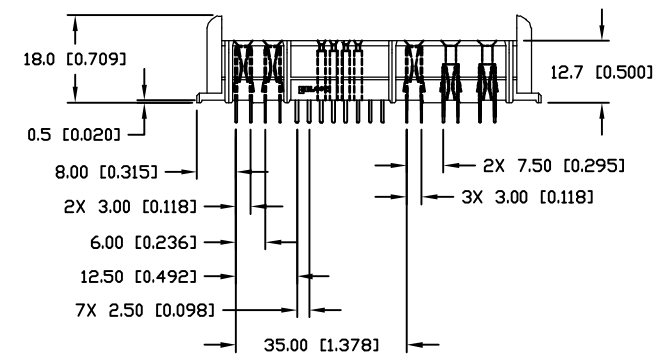
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



DETAIL B

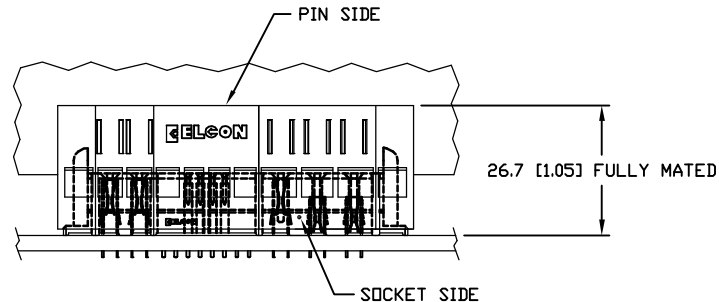
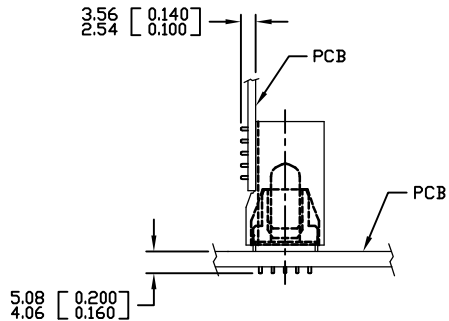


RECOMMENDED PC LAYOUT



MM INCH THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [0.010] .X ± .5 [0.020]	DRAWN R. F. A.	DATE 1/16/06	Tyco Electronics Corporation Menlo Park, Ca 94025 TITLE MINIPAK SOCKET CONNECTOR STRAIGHT, SOLDER TAILS PN 6651143-1 SIZE DWG NUMBER B C = 6651143 REV. A
	CHECKED		
	APPROVED		
	APPROVED D. CHAU DCA APPROVED	1/16/06	
ACAD FILE NUMBER		C6651143A.DWG	DWG SCALE 1=1 SH 2 OF 3

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.



MATED CONDITION

DETAIL A

SOLDER TERMINATION AREA

RECOMMENDED PRINTED CIRCUIT HOLE

FINISHED HOLE: $\phi 1.02$ [0.040] ± 0.08 [0.003]

DRILLED HOLE: $\phi 1.15$ [0.0453] ± 0.013 [0.0005]

COPPER PLATE: .025 [0.0010] MINIMUM (PER SURFACE)

TIN PLATE: .008 [0.0003] MINIMUM (PER SURFACE)

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]	DRAWN R. F. A.	DATE 1/16/06	Tyco Electronics Corporation Menlo Park, Ca 94025	
	CHECKED		TITLE	
	APPROVED		USER INFORMATION AND MATED CONDITION PN 6651143-1	
	APPROVED D. CHAU DCA APPROVED	1/16/06	SIZE B	DWG NUMBER C = 6651143
ACAD FILE NUMBER		C6651143A.DWG		DWG SCALE 1=1
				SH 3 OF 3