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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 [.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 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.

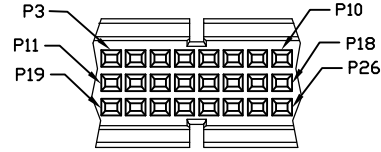
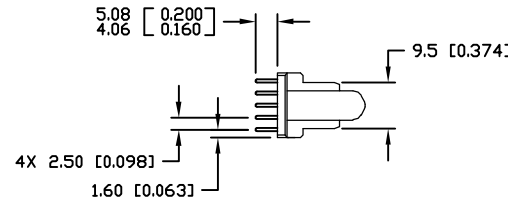
4. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER.

TYCO PART NO. YEAR WEEK
DATE CODE (e.g. 0616)
|XXXXXXXX-X| |XXXX|

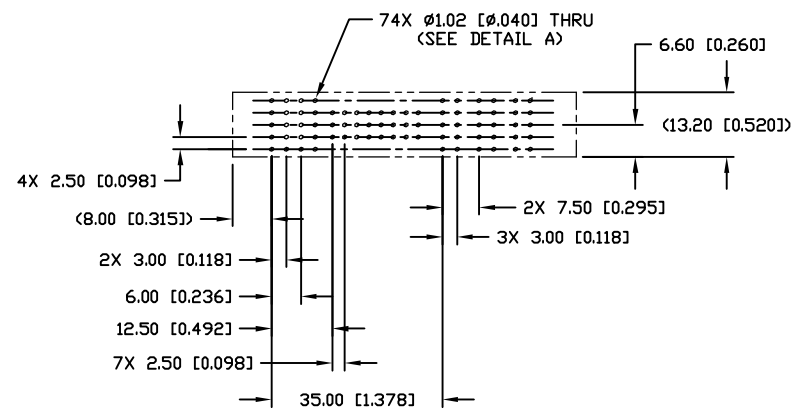
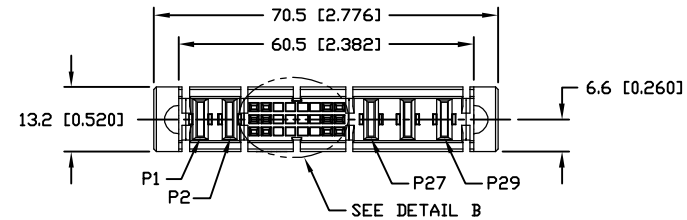
MM INCH OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [0.010] .X ± .5 [0.020]	DRAWN R. F. A.	DATE 1/16/06	Tyco Electronics Corporation Menlo Park, Ca 94025	TITLE MINIPAK SOCKET CONNECTOR STRAIGHT, SOLDER TAILS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

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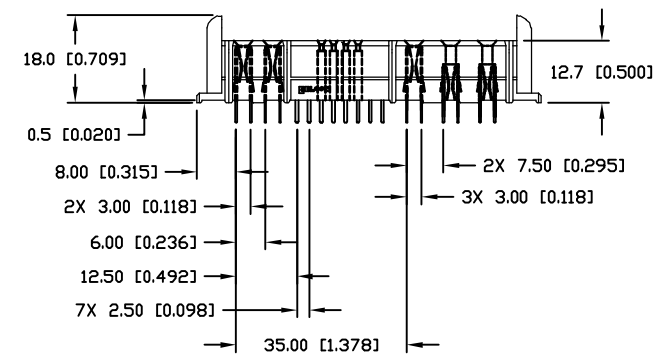
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



DETAIL B

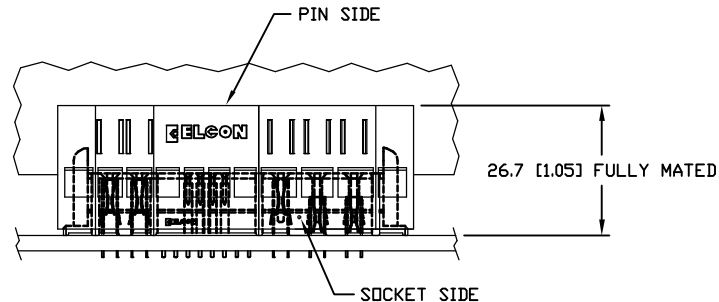
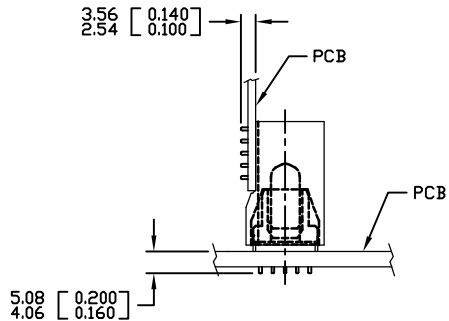


RECOMMENDED PC LAYOUT



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		
	CHECKED		SIZE DWG NUMBER		
	APPROVED		REV.		
	APPROVED D. CHAU DCA APPROVED	1/16/06	C = 6651143 A		
	ACAD FILE NUMBER		C6651143A.DWG		DWG SCALE 1=1 SH 2 OF 3

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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 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]	DRAWN R. F. A.	DATE 1/16/06	tyco Tyco Electronics Corporation Electronics Menlo Park, Ca 94025 ELCON		
	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	REV. A
ACAD FILE NUMBER		C6651143A.DWG		DWG SCALE 1=1	SH 3 OF 3

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6651143-1](#)