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REVISIONS

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

B

B

6. CONNECTOR INFORMATION

CONNECTOR	TYCO PART NUMBER	CONFIGURATION REF #	CONTACT	POSITION	CONTACT PITCH	VOLTAGE RATING*
PIN	1766693-1	MPK005	SIGNAL	3-26	2.50 [.098]	60 VOLTS
			POWER	1-2	6.00 [.236]	60 VOLTS
			POWER	27-29	7.50 [.295]	250 VOLTS

NOTES: UNLESS OTHERWISE SPECIFIED.

*IAW UL 60950

- PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
- MATERIALS:
 - INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR-BLACK. UL94V-0 FLAMMABILITY RATED.
 - POWER CONTACTS: COPPER ALLOY.

3. FINISHES:

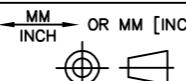
CONTACT PLATING: GOLD PLATED PER MIL-G-45204 TYPE II, CLASS 0, .000030" MIN. THICKNESS OVER NICKEL, PER QQ-N-290,

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

4 REFER TO DRAWING 997-010 FOR MATING SEQUENCE & MISALIGNMENT.

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

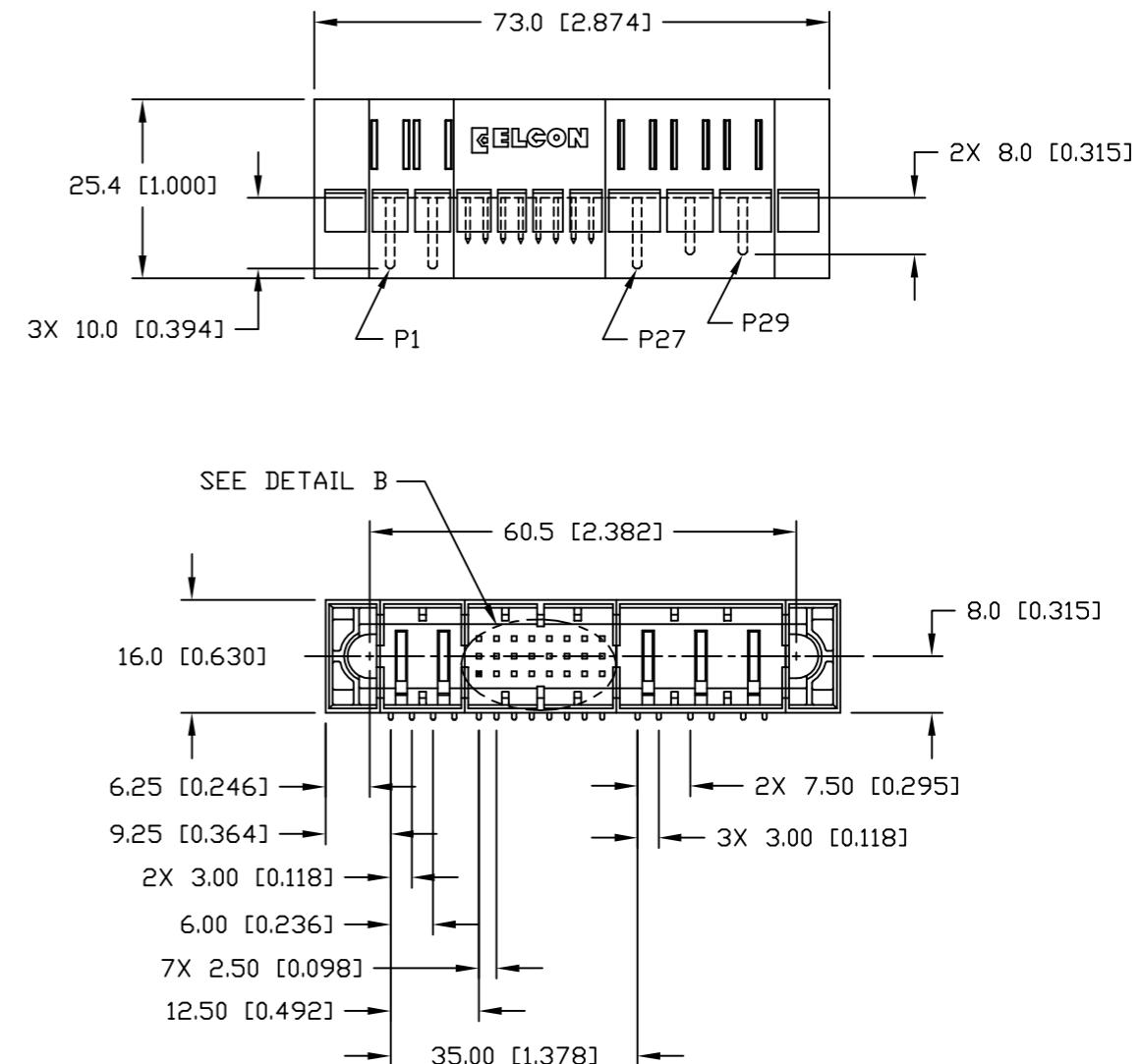
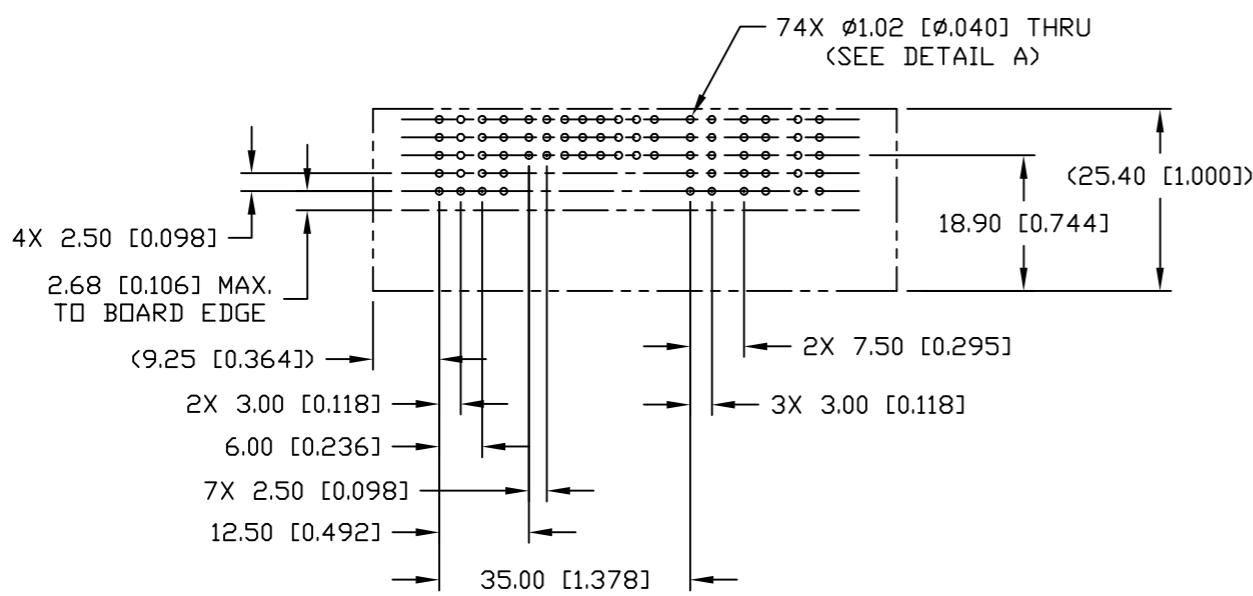
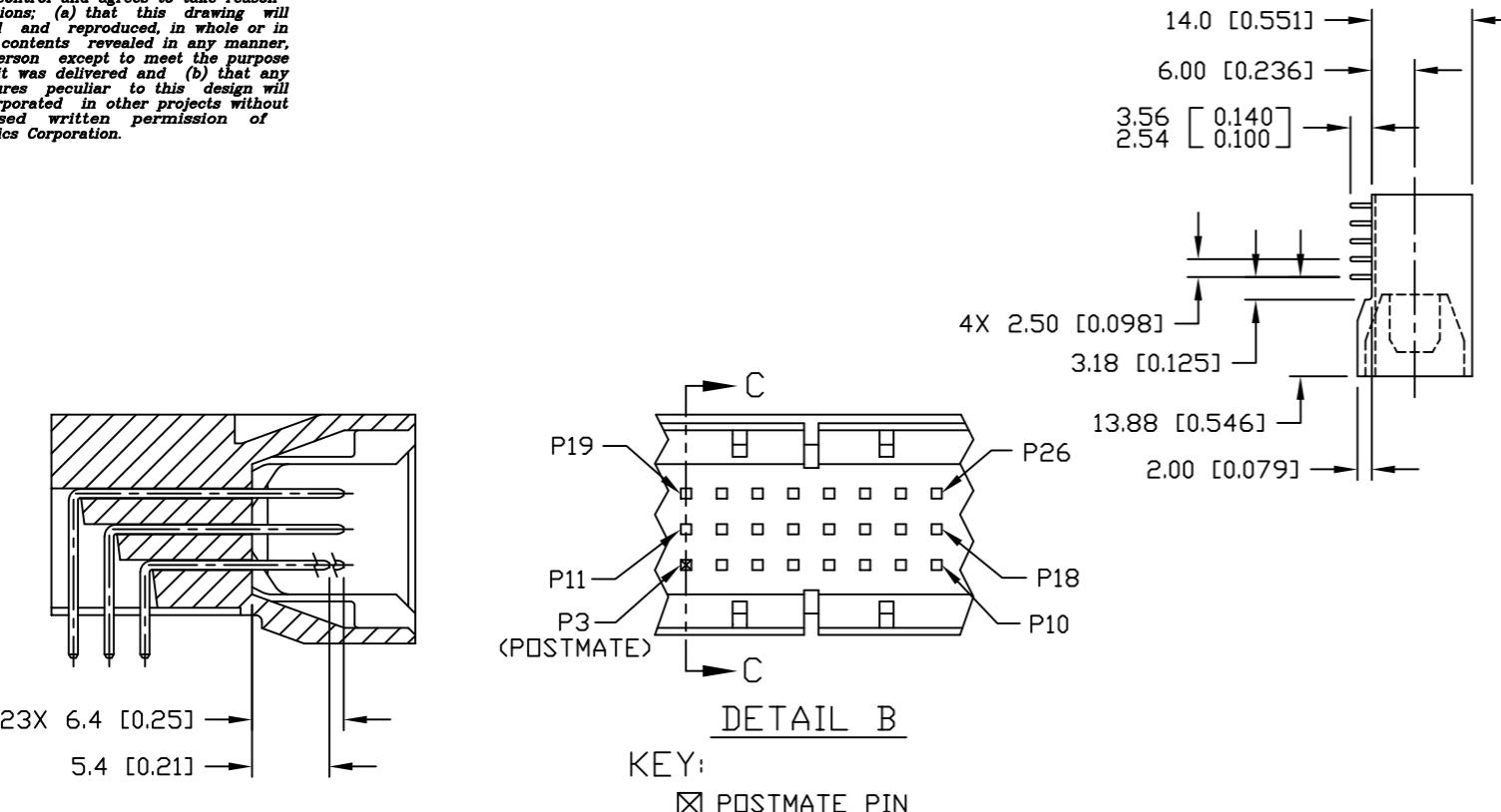
YEAR  WEEK
 TYCO PART NO. DATE CODE (e.g. 0521)
 XXXXXXX-X  XXXX

 <small>THIRD ANGLE PROJECTION</small>	DRAWN	DATE	 <small>Tyco Electronics</small>	<small>Tyco Electronics Corporation Menlo Park, Ca 94025</small>
	CHECKED			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED			
TOLERANCES	APPROVED			
ANGLES $\pm .5^\circ$	D. CHAU	07/28/05		
DECIMALS	DCA APPROVED			
.XX $\pm .25$ [.010]	M. ALIM	07/28/05		
.X $\pm .5$ [.020]	ACAD FILE NUMBER	C1766693A.DWG	DWG SCALE 1=1	SH 1 OF 3

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REVISIONS

EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

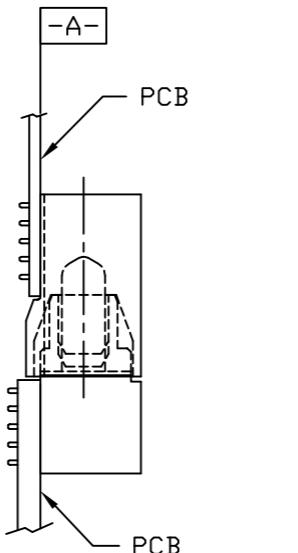


MM INCH	OR MM [INCH]	DRAWN R. F. A.	DATE 06/21/05	tyco Electronics	Tyco Electronics Corporation Menlo Park, Ca 94025
THIRD ANGLE PROJECTION		CHECKED		TITLE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]		APPROVED		CONNECTOR, PIN, RIGHT ANGLE SHORT SOLDER TAILS, MINIPAK PN 1766693-1	
TOLERANCES		APPROVED			
ANGLES $\pm .5^\circ$		D. CHAU	07/28/05		
DECIMALS		DCA APPROVED			
.XX $\pm .25$ [.010]		M. ALIM	07/28/05	SIZE	DWG NUMBER
.X $\pm .5$ [.020]				B	C - 1766693
		ACAD FILE NUMBER	C1766693A.DWG	REV.	A
		DWG SCALE	1=1	SH 2 OF 3	

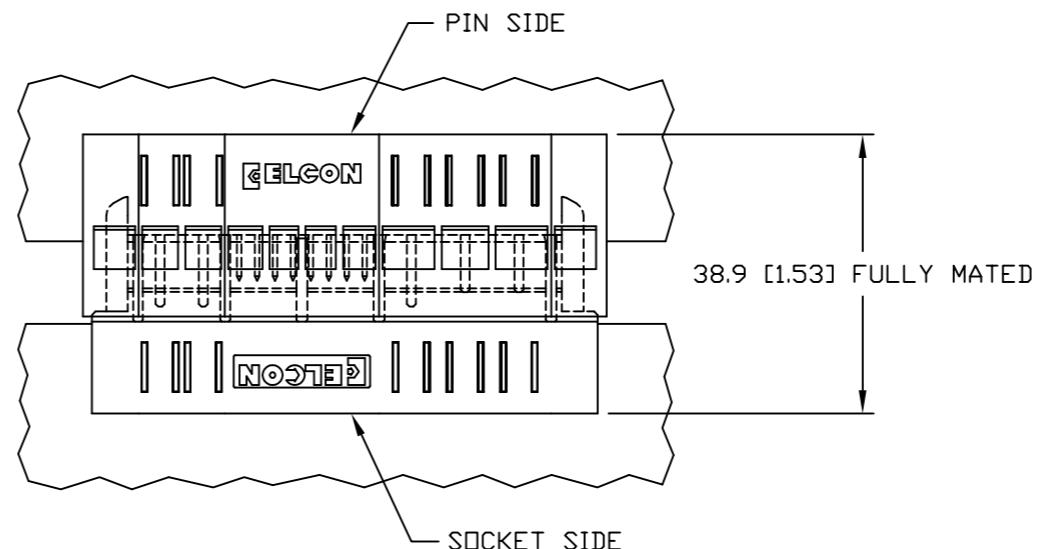
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EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



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

MATED CONDITIONDETAIL ACOMPLIANT TERMINATION AREA

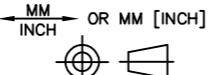
RECOMMENDED PRINTED CIRCUIT HOLE
FOR COMPLIANT PRESS FIT

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)

 THIRD ANGLE PROJECTION	DRAWN	DATE	tyco Electronics	Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED		ELCON	TITLE USER INFORMATION AND MATED CONDITION PN 1766693-1
	APPROVED			
TOLERANCES ANGLES $\pm .5^\circ$ DECIMALS	D. CHAU	07/28/05	SIZE DWG NUMBER	C = 1766693 REV. A
	DCA APPROVED M. ALIM	07/28/05		
ACAD FILE NUMBER C1766693A.DWG			DWG SCALE 1=1 SH 3 OF 3	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1766693-1](#)