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REVISIONS

EC	REV	DESCRIPTION	DATE
—	A	INITIAL RELEASE	09/13/04
—	A1	CLARIFIED DETAIL A, SEE SHEET 3 ADDED PRE-PRODUCTION PN 376-0089-00900	03/02/05
0S1Q-0064-05	A2	CHANGED TO TYCO PART NUMBER	03/03/05
0S1Q-0187-05	A3	CHANGED CONFIGURATION REF NO. WAS MPK32S0	06/01/05

8. CONNECTOR INFORMATION

CONNECTOR	TYCO PART NUMBER	ELCON PART NUMBER	CONFIGURATION REF #	CONTACT	POSITION	CONTACT PITCH	VOLTAGE RATING*
SOCKET	1766607-1	376-0089-11200	MPKP32S0	POWER	1-32	4.50 [1.773]	COMMON

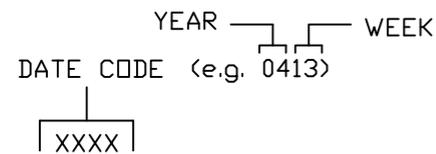
\*IAW UL 60950

NOTES: UNLESS OTHERWISE SPECIFIED.

- 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.
- FINISHES:  
CONTACT PLATING: GOLD PLATED PER MIL-G-45204 TYPE II, CLASS 0, .000030" MIN. THICKNESS OVER NICKEL PER QQ-N-290, .000050" MIN. THICKNESS.  
  
TERMINALS: TIN PLATED, MATTE FINISH, .000120" TO .000170" THICKNESS.

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

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



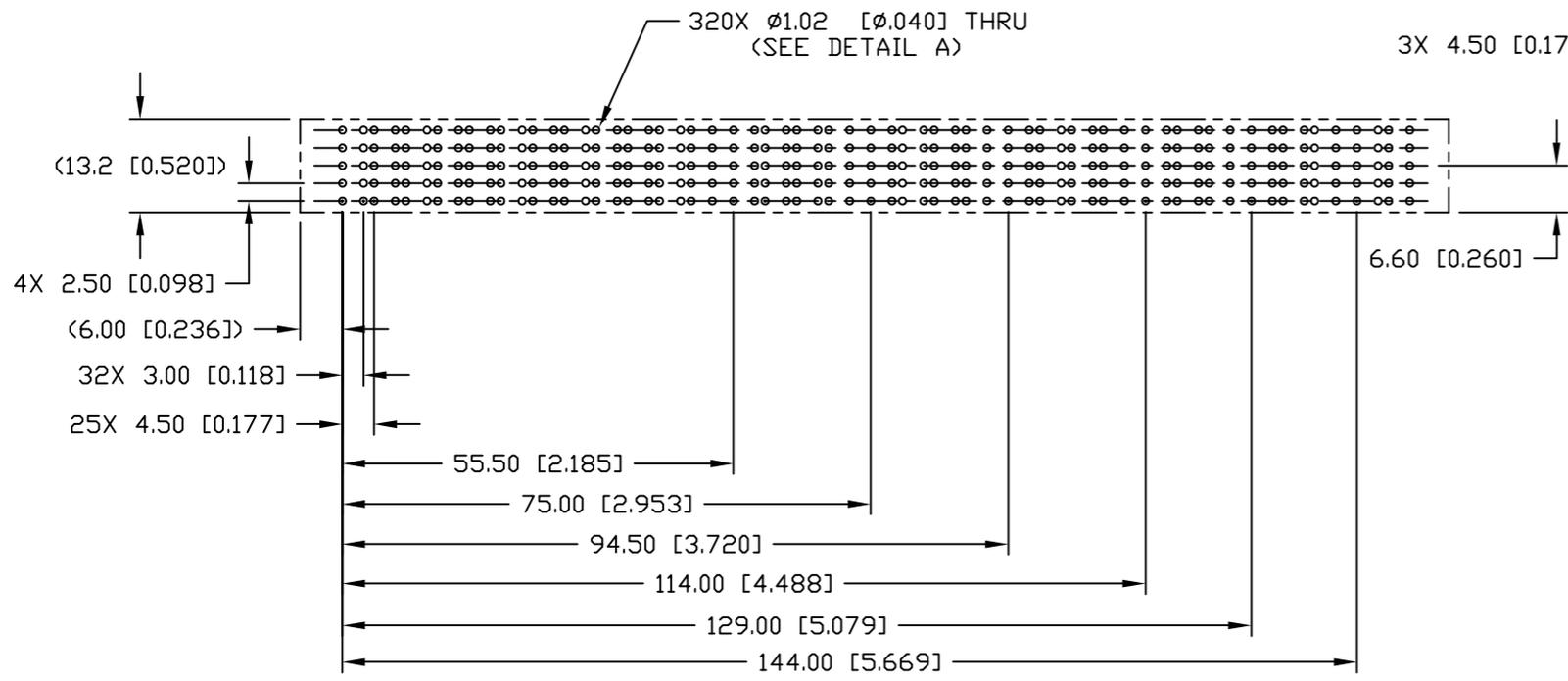
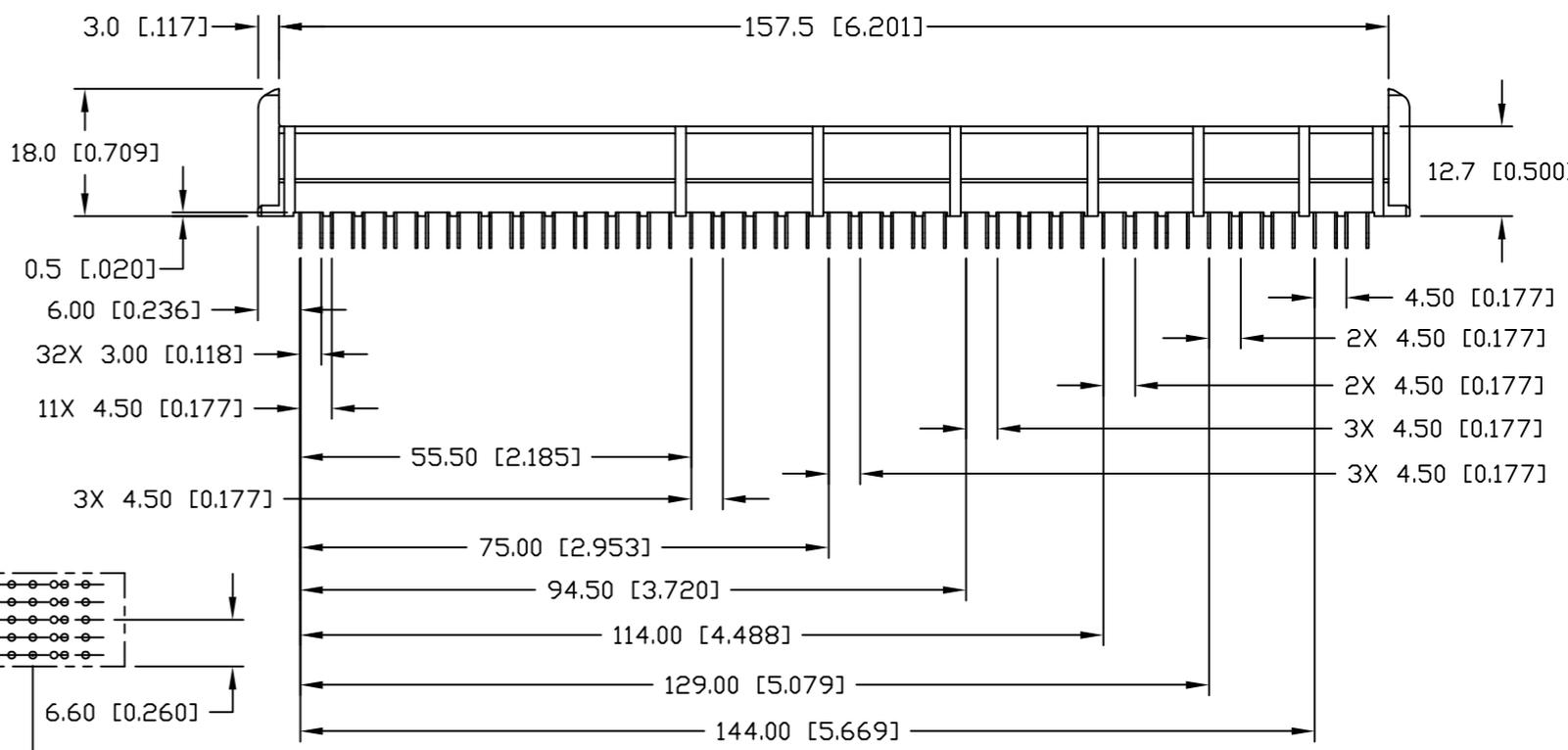
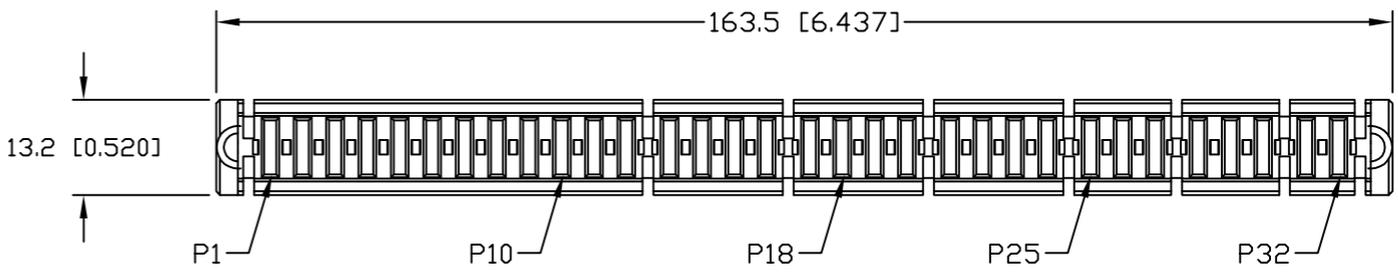
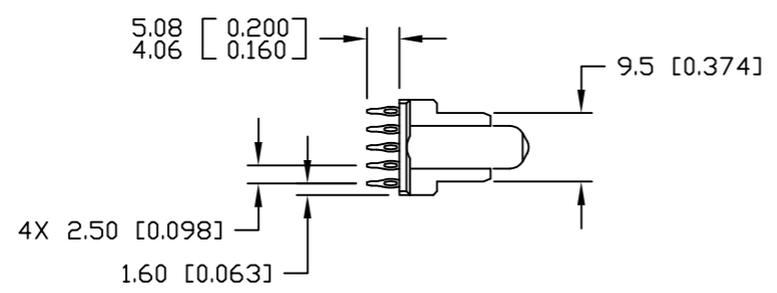
6. THIS CONNECTOR MATES WITH PIN CONNECTORS PN 377-0089-11200.

THIS PRE-PRODUCTION PART 376-0089-00900 WILL BE REPLACED BY PN 376-0089-11200 WHEN TOOLING BECOMES AVAILABLE.

<p>THIRD ANGLE PROJECTION</p> <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</p> <p>TOLERANCES</p> <p>ANGLES ± .5°</p> <p>DECIMALS</p> <p>.XX ± .25 [.010]</p> <p>.X ± .5 [.020]</p>	<p>MM OR MM [INCH]</p> <p>INCH</p>	<p>DRAWN</p> <p>R. F. A.</p>	<p>DATE</p> <p>09/13/04</p>	Tyco Electronics Corporation Menlo Park, Ca 94025	
	<p>CHECKED</p>	<p>APPROVED</p>	<p>APPROVED</p>	<p>TITLE</p> <p>CONNECTOR, SOCKET, STRAIGHT COMPLIANT TAILS, MINIPAK</p>	<p>PN: 376-0089-11200A/376-0089-00900</p>
<p>D. CHAU</p>	<p>06/03/05</p>	<p>M. ALIM</p>	<p>06/07/05</p>	<p>SIZE DWG NUMBER</p> <p>B C = 1766607</p>	<p>REV.</p> <p>A3</p>
<p>ACAD FILE NUMBER</p>	<p>C1766607A3.DWG</p>	<p>DWG SCALE</p> <p>1 = 1</p>	<p>SH 1 OF 3</p>		

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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



RECOMMENDED PC LAYOUT

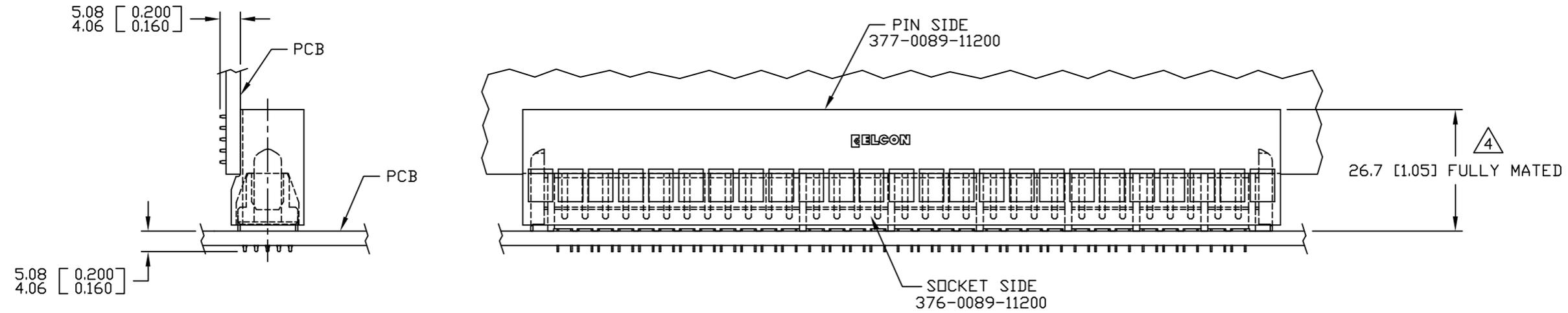
MM INCH  THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN R. F. A.	DATE 09/13/04	 Tyco Electronics Corporation Menlo Park, Ca 94025 	
	CHECKED			TITLE CONNECTOR, SOCKET, STRAIGHT COMPLIANT TAILS, MINIPAK PN: 376-0089-11200A/376-0089-00900
	APPROVED		SIZE B	DWG NUMBER C = 1766607
	APPROVED D. CHAU DCA APPROVED M. ALIM	DATE 06/03/05 06/07/05	REV. A3	DWG SCALE 1=1 SH 2 OF 3
ACAD FILE NUMBER C1766607A3.DWG				

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		SEE SHEET 1	

DETAIL A  
COMPLIANT TERMINATION AREA

RECOMMENDED PRINTED CIRCUIT HOLE  
FOR COMPLIANT PRESS FIT  
FINISHED HOLE:  $\phi 1.02$  [.040]  $\pm .08$  [.003]  
DRILLED HOLE:  $\phi 1.15$  [.0453]  $\pm .013$  [.0005]  
COPPER PLATE: .025 [.0010] MINIMUM (PER SURFACE)  
TIN PLATE: .008 [.0003] MINIMUM (PER SURFACE)



MATED CONDITION

<p>THIRD ANGLE PROJECTION</p> <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</p> <p>TOLERANCES</p> <p>ANGLES <math>\pm .5^\circ</math></p> <p>DECIMALS</p> <p>.XX <math>\pm .25</math> [.010] .X <math>\pm .5</math> [.020]</p>	DRAWN	DATE	Tyco Electronics Corporation Menlo Park, Ca 94025		
	R. F. A.	09/13/04	TITLE		
	CHECKED		USER INFORMATION AND MATED CONDITION MINIPAK SOCKET CONNECTOR		
	APPROVED		SIZE	DWG NUMBER	REV.
D. CHAU	06/03/05	B	C = 1766607	A3	
DCA APPROVED	06/07/05	ACAD FILE NUMBER C1766607A3.DWG		DWG SCALE 1=1 SH 3 OF 3	