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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 [1.77]	COMMON

*IAW UL 60950

NOTES: UNLESS OTHERWISE SPECIFIED.

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

2. 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, .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.

YEAR WEEK
DATE CODE (e.g. 0413)
XXXX

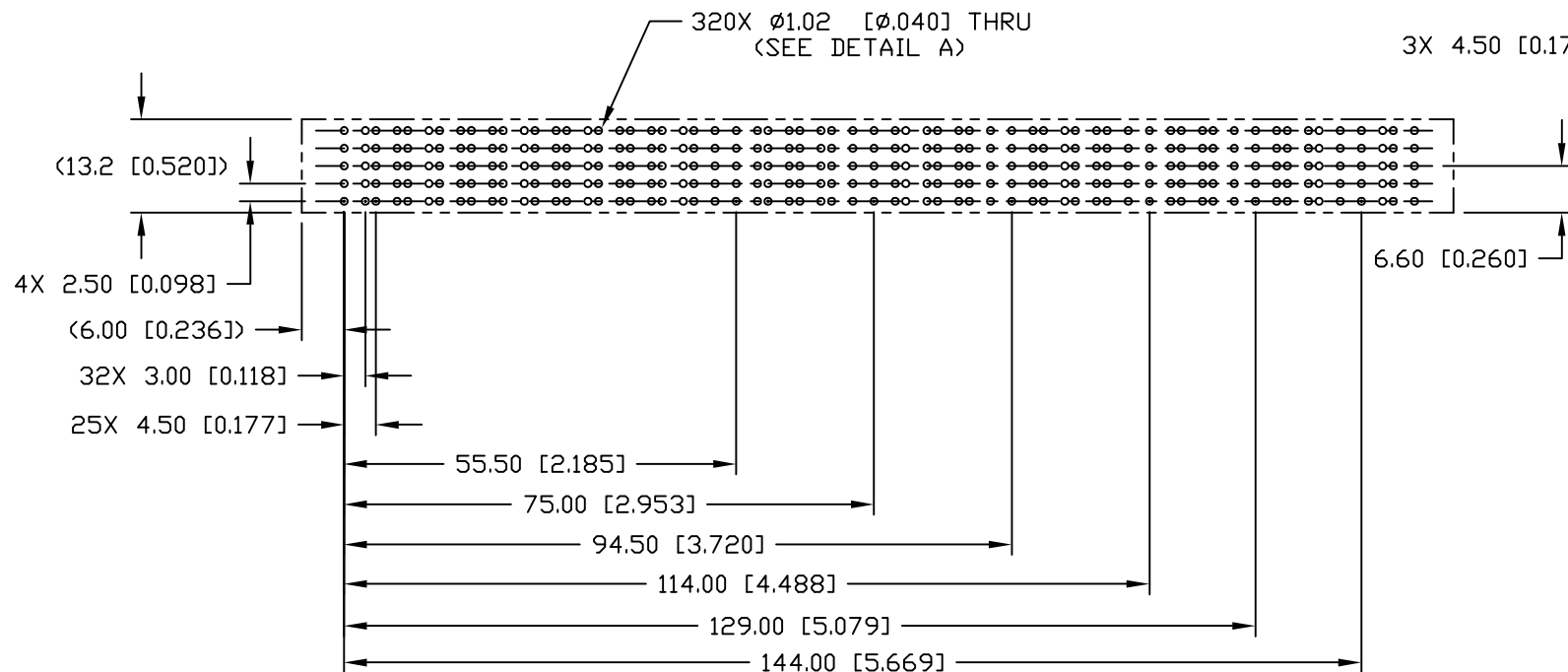
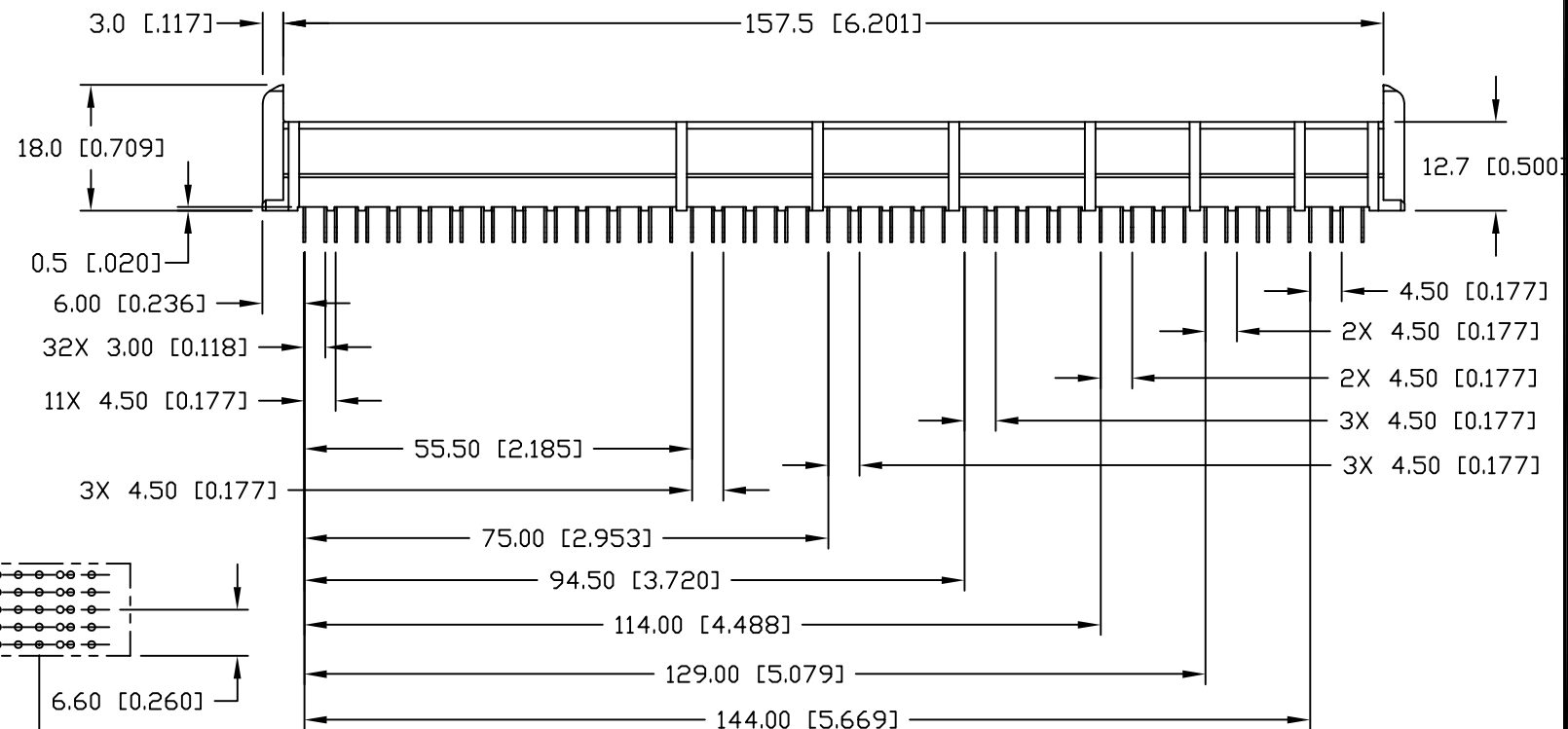
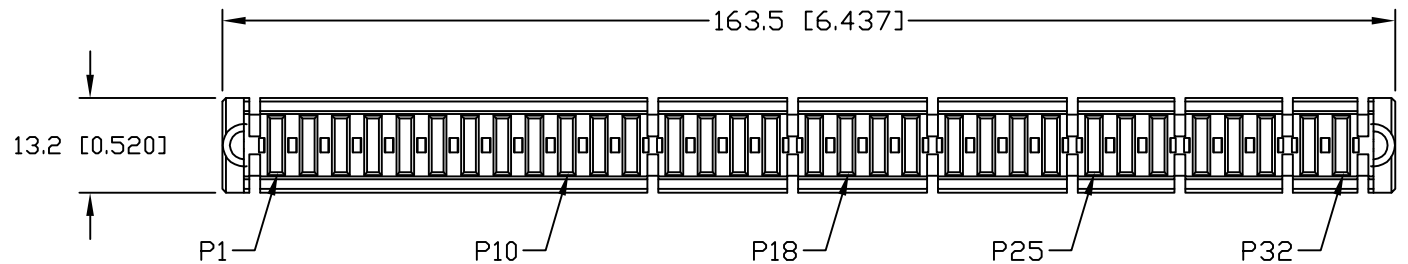
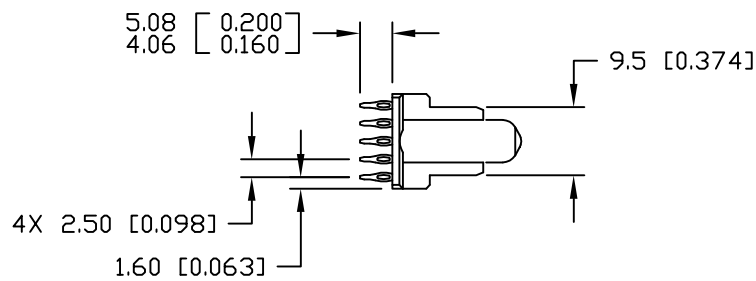
6. THIS CONNECTOR MATES WITH PIN CONNECTORS PN 377-0089-11200.

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

MM OR 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		
	APPROVED		CONNECTOR, SOCKET, STRAIGHT COMPLIANT TAILS, MINIPAK		
	APPROVED D. CHAU	06/03/05	PN: 376-0089-11200A/376-0089-00900		
	DCA APPROVED M. ALIM	06/07/05	SIZE B	DWG NUMBER C = 1766607	REV. A3
ACAD FILE NUMBER C1766607A3.DWG				DWG SCALE 1 = 1	SH 1 OF 3

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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



RECOMMENDED PC LAYOUT

MM INCH OR 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 Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON		
	CHECKED		TITLE		
	APPROVED		CONNECTOR, SOCKET, STRAIGHT COMPLIANT TAILS, MINIPAK		
	APPROVED		PN: 376-0089-11200A/376-0089-00900		
	D. CHAU	06/03/05	SIZE	DWG NUMBER	REV.
DCA APPROVED	06/07/05	B	C = 1766607	A3	
ACAD FILE NUMBER		C1766607A3.DWG		DWG SCALE 1=1	SH 2 OF 3

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		SEE SHEET 1	

DETAIL A

COMPLIANT TERMINATION AREA

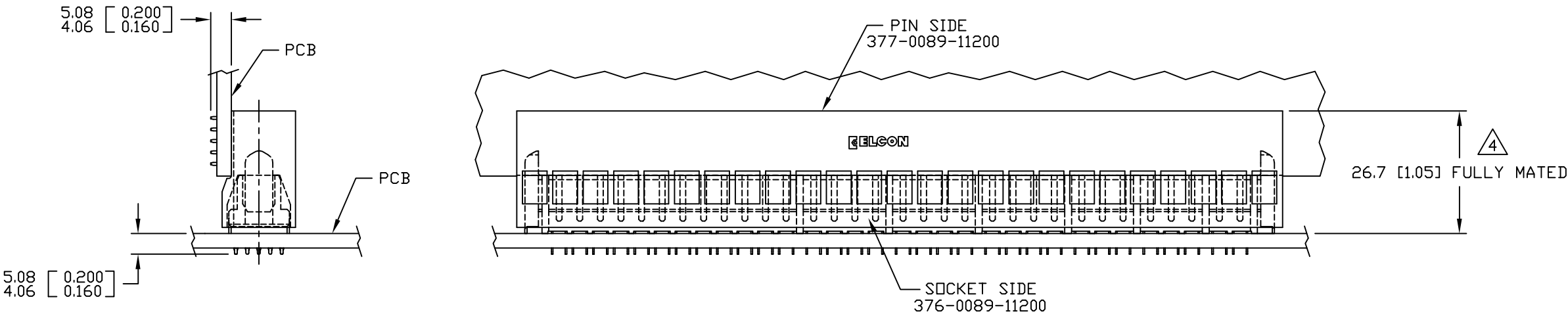
RECOMMENDED PRINTED CIRCUIT HOLE
FOR COMPLIANT PRESS FIT

FINISHED HOLE: Ø1.02 [.040] ±.08 [.003]

DRILLED HOLE: Ø1.15 [.0453] ±.013 [.0005]

COPPER PLATE: .025 [.0010] MINIMUM (PER SURFACE)

TIN PLATE: .008 [.0003] MINIMUM (PER SURFACE)



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

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[1766607-1](#)