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REVISIONS			
EC	REV	DESCRIPTION	DATE
DS1Q-0002-05	A	NEW RELEASE	01/04/05

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.

SIGNAL SOCKETS: PHOSPHOR BRONZE ALLOY.

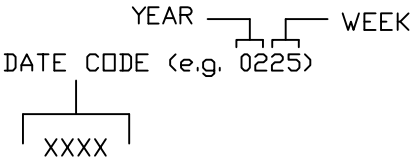
POWER SOCKET CONTACTS: PHOSPHOR BRONZE ALLOY.
3. FINISHES:

CONTACT PLATING: SELECTIVE GOLD PER MIL-G-45204 OVER NICKEL PER AMS 2404.

TERMINAL PLATING: TIN OVER NICKEL

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. CONNECTOR INFORMATION

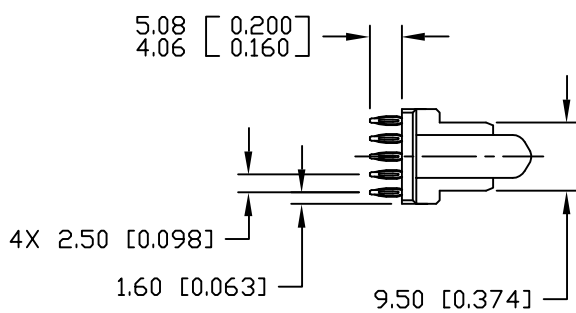
CONNECTOR	ELCON PART NUMBER	CONFIGURATION REF #	CONTACT	POSITION	CONTACT PITCH	VOLTAGE RATING*
SOCKET	376-0054-11200	TBD	SIGNAL	12-47	2.50 [.098]	60 VOLTS
			POWER	1-11	6.00 [.236]	60 VOLTS
SOCKET	376-0054-11130	TBD	SIGNAL	12-47	2.50 [.098]	60 VOLTS
			POWER	1-11	6.00 [.236]	60 VOLTS

\*IAW UL 60950

<div><div>MM INCH</div><div>OR MM [INCH]</div><div></div><div>THIRD ANGLE PROJECTION</div><div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</div><div>TOLERANCES</div><div>ANGLES ± .5°</div><div>DECIMALS</div><div>.XX ± .25 [.010]</div><div>.X ± .5 [.020]</div></div>	DRAWN	DATE	<div><div><div>tyco</div><div>Electronics</div></div><div>Tyco Electronics Corporation Menlo Park, Ca 94025</div><div>ELCON</div></div>			
	S. WAN	01/04/05				
	CHECKED		TITLE			
	APPROVED					
	APPROVED					
	D. CHAU	01/11/05	SIZE	DWG NUMBER	REV.	
	DCA APPROVED	01/26/05	B	C = 6651381	A	
	M. ALIM					
	ACAD FILE NUMBER	C6651381A.DWG			DWG SCALE 1 = 1	SH 1 OF 4

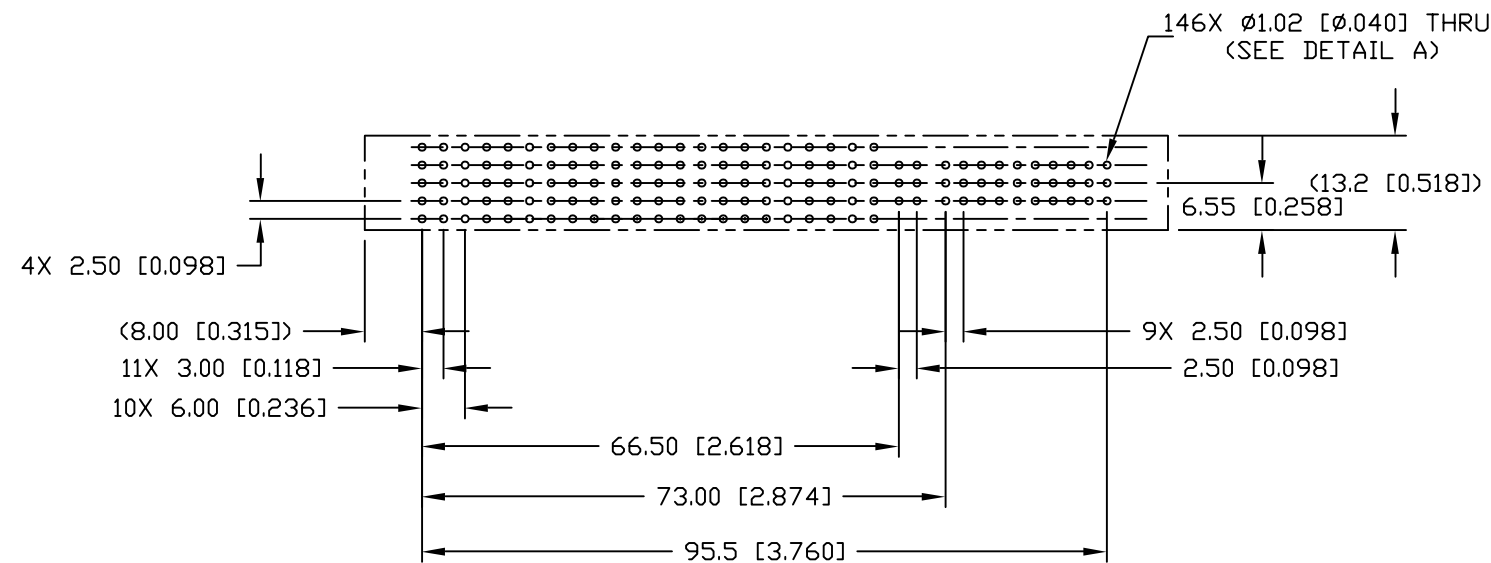
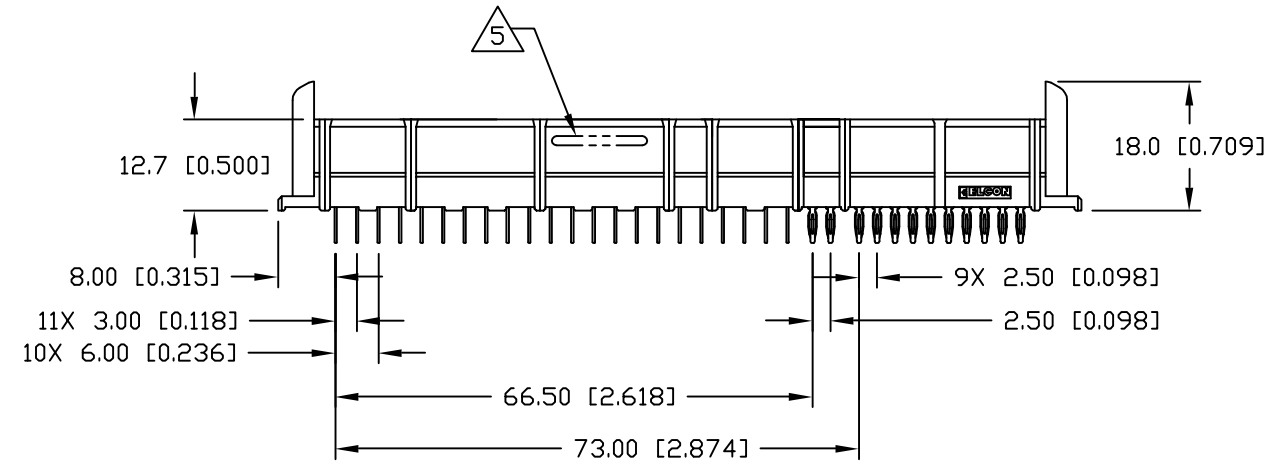
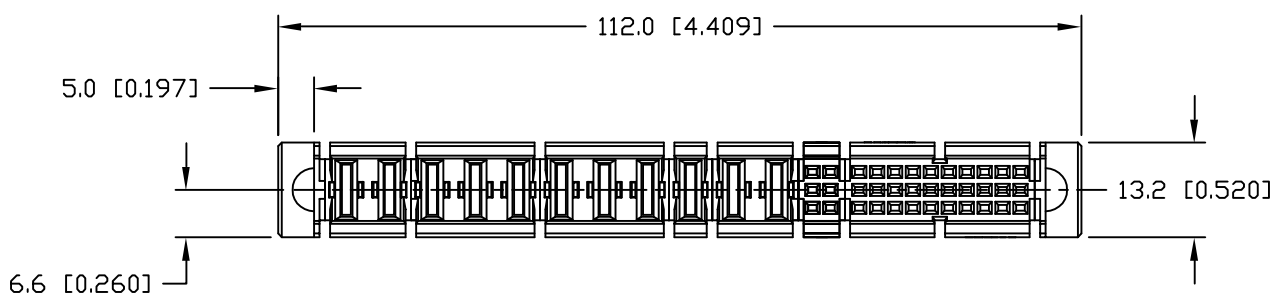
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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



DETAIL A

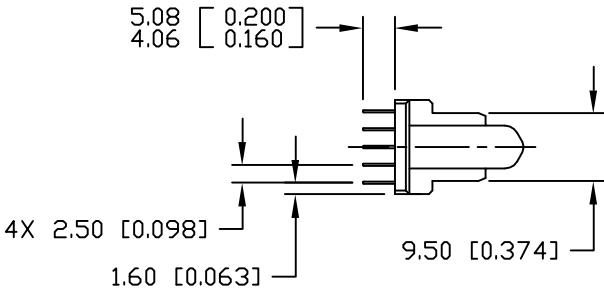
RECOMMENDED PRINTED CIRCUIT HOLE  
FINISHED HOLE:  $\varnothing 1.02$  [0.040]  $\pm 0.08$  [0.003]  
DRILLED HOLE:  $\varnothing 1.15$  [0.0453]  $\pm 0.013$  [0.0005]  
COPPER PLATE: .025 [0.0010] MINIMUM (PER SURFACE)  
TIN PLATE: .008 [0.0003] MINIMUM (PER SURFACE)



RECOMMENDED PC LAYOUT

<div><div><div>MM INCH</div><div>OR MM [INCH]</div></div><div></div><div>THIRD ANGLE PROJECTION</div></div> <div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</div> <div>TOLERANCES</div> <div>ANGLES ± .5°</div> <div>DECIMALS</div> <div>.XX ± .25 [.010]</div> <div>.X ± .5 [.020]</div>	DRAWN S. WAN	DATE 01/04/05	<div><div><div><div>tyco</div><div>Electronics</div></div><div>Tyco Electronics Corporation Menlo Park, Ca 94025</div></div><div>ELCON</div></div>		
	CHECKED		TITLE  SOCKET CONNECTOR, MINIPAK STRAIGHT, COMPLIANT TAILS PN: 376-0054-11200A		
	APPROVED				
	APPROVED				
	D. CHAU	01/11/05	SIZE B	DWG NUMBER C = 6651381	REV. A
DCA APPROVED M. ALIM	01/26/05				
ACAD FILE NUMBER		C6651381A.DWG		DWG SCALE 1 = 1	SH 2 OF 4

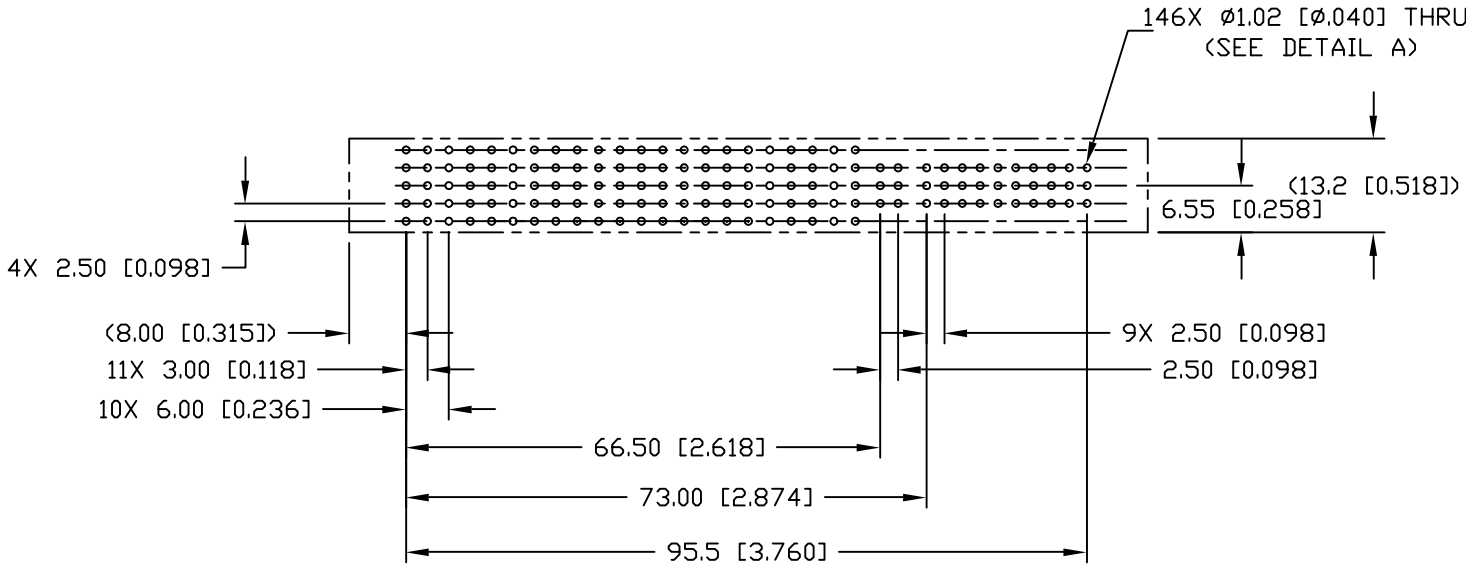
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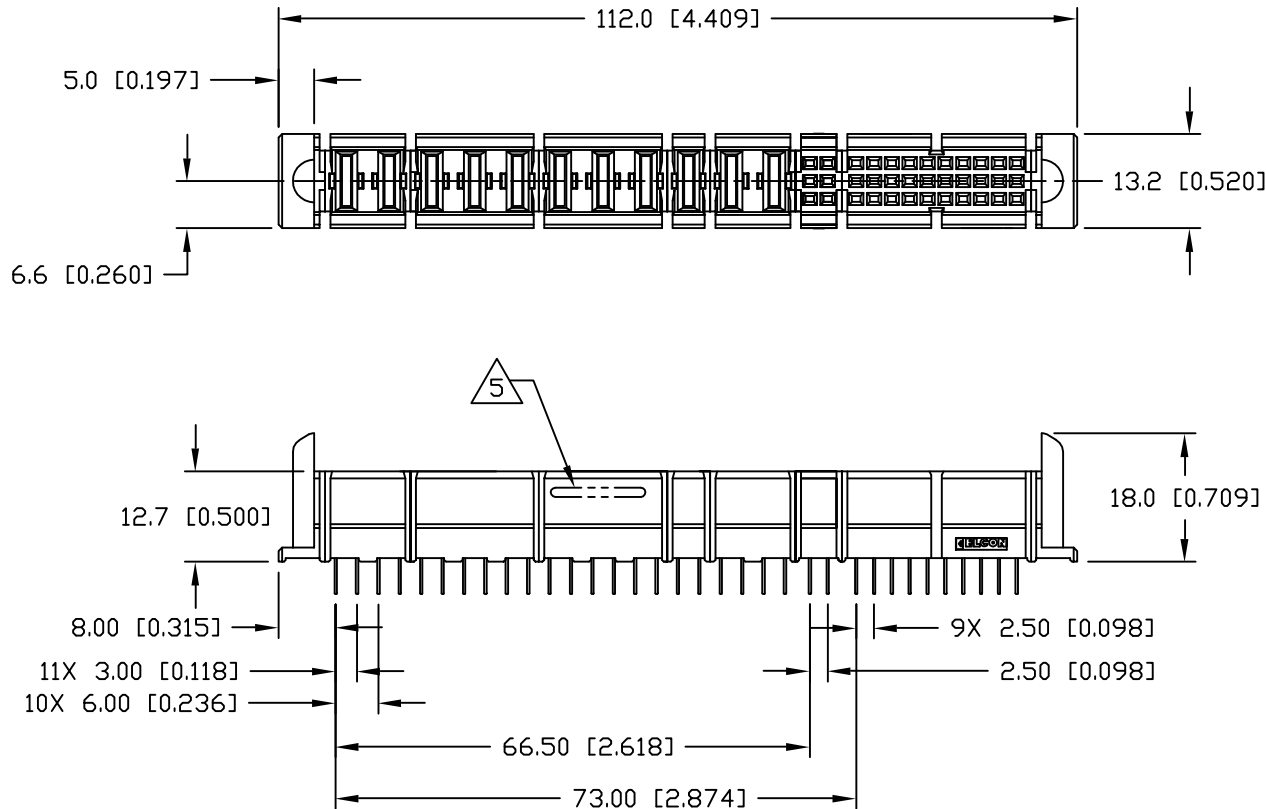
DETAIL A

RECOMMENDED PRINTED CIRCUIT HOLE

FINISHED HOLE:  $\phi 1.02$  [0.040]  $\pm 0.08$  [0.003]  
DRILLED HOLE:  $\phi 1.15$  [0.0453]  $\pm 0.013$  [0.0005]  
COPPER PLATE: .025 [0.0010] MINIMUM (PER SURFACE)  
TIN PLATE: .008 [0.0003] MINIMUM (PER SURFACE)



RECOMMENDED PC LAYOUT



<div>MM INCH</div> <div></div> <div>THIRD ANGLE PROJECTION</div> <div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</div> <div>TOLERANCES</div> <div>ANGLES <math>\pm .5^\circ</math></div> <div>DECIMALS</div> <div>.XX <math>\pm .25</math> [0.010]</div> <div>.X <math>\pm .5</math> [0.020]</div>	DRAWN S. WAN	DATE 01/04/05	<div><b>tyco</b> Tyco Electronics Corporation <b>Electronics</b> Menlo Park, Ca 94025</div> <div><b>ELCON</b></div>	
	CHECKED		TITLE SOCKET CONNECTOR, MINIPAK STRAIGHT, SOLDER TAILS PN: 376-0054-11130A	
	APPROVED		SIZE B	DWG NUMBER C = 6651381
	APPROVED D. CHAU DCA APPROVED M. ALIM	01/11/05 01/26/05	REV. A	
ACAD FILE NUMBER C6651381A.DWG			DWG SCALE 1=1	SH 3 OF 4

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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

PCB

PCB

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