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REVISIONS			
EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	11/22/05

5 PIN PCB TAIL CONTACTS INSTALLED.

4. FINISHES:

- #12 PCB TAIL CONTACT: SILVER PLATED
- #20 PCB TAIL CONTACT: GOLD PLATED
- CROWN BAND: GOLD PLATED

3. MATERIALS:

INSULATOR: THERMOPLASTIC, GLASS REINFORCED, UL94V-0, FLAMMABILITY RATED, COLOR-BLACK.

PIN CONTACT: COPPER ALLOY

PCB TAIL CONTACTS: COPPER ALLOY

CROWN BAND: COPPER ALLOY

RETENTION CLIP: COPPER ALLOY OR STAINLESS STEEL

2 ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:



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

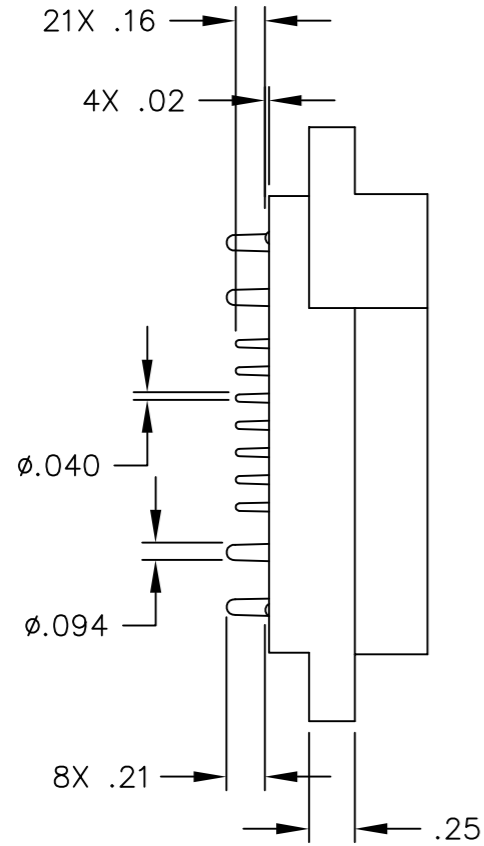
NOTES: UNLESS OTHERWISE SPECIFIED

5 TABLE - PIN CONNECTOR PN 6643534-1			
PART NUMBER	DESCRIPTION	POSITION	QTY
1648203-2	CONNECTOR, PIN, #12,#20,#12 CONFIG	NA	1
1650283-1	CONTACT, PIN, SIZE #20, PCB TAIL, STD	5-25	21
1766245-1	CONTACT, PIN, SIZE #12, PCB TAIL, STD	1-4 & 26-29	8

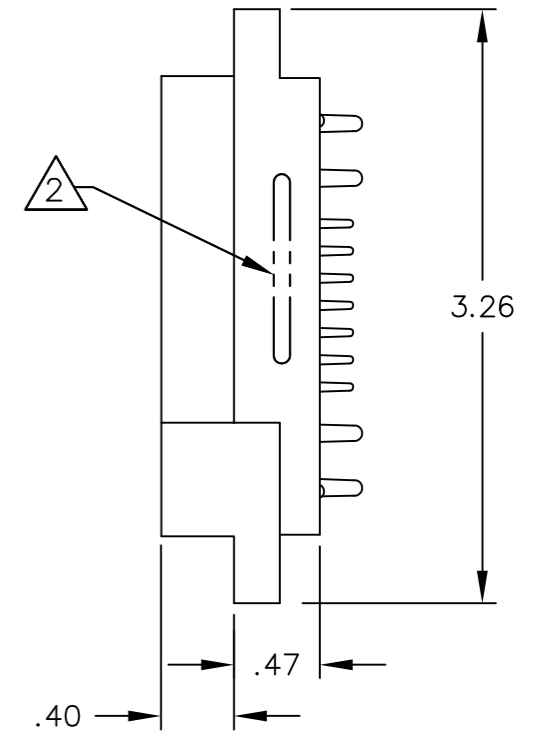
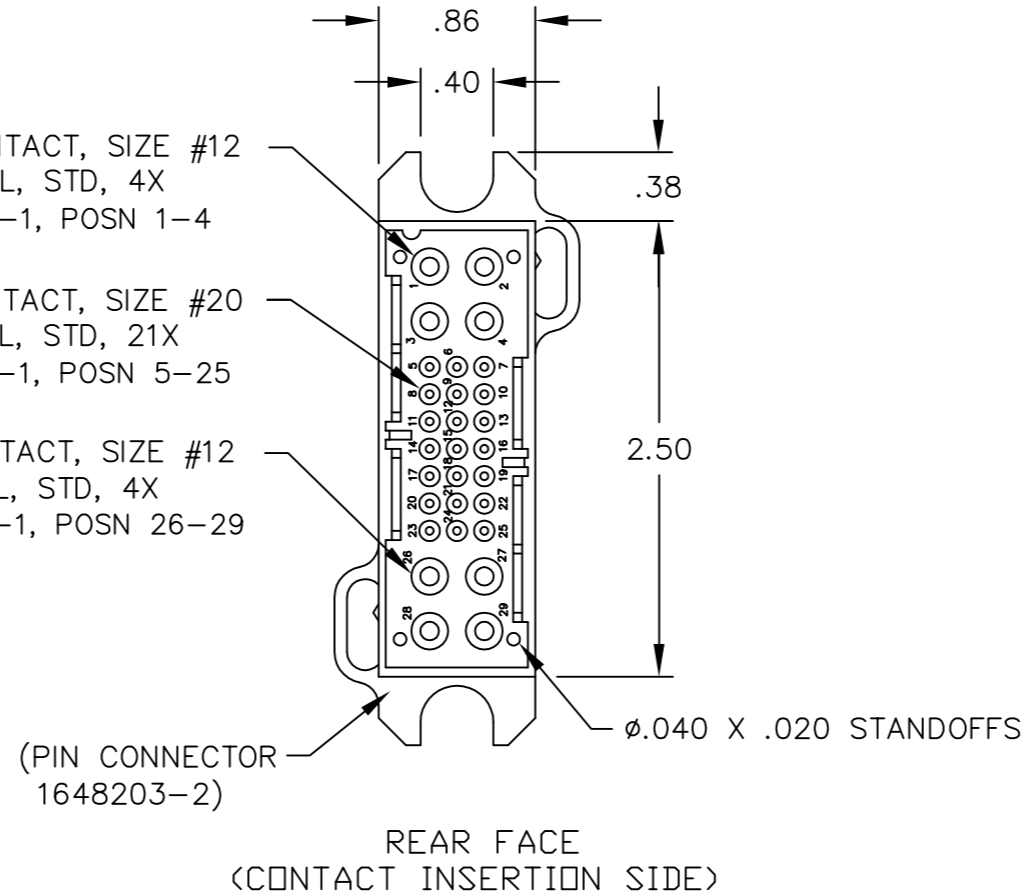
<p>THIRD ANGLE PROJECTION</p> <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC)</p> <p>TOLERANCES</p> <p>ANGLES ± .5°</p> <p>DECIMALS</p> <p>.XXX ± .010 (.25)</p> <p>.XX ± .02 (.3)</p>	<p>INCH OR INCH (MM)</p> <p>DRAWN</p> <p>M. ALIM</p> <p>CHECKED</p> <p>APPROVED</p> <p>APPROVED</p> <p>D. CHAU</p> <p>DCA APPROVED</p> <p>M. ALIM</p> <p>ACAD FILE NUMBER C6643534A.DWG</p>	<p>DATE</p> <p>11/22/05</p> <p>11/22/05</p> <p>11/22/05</p>	<p><b>tyco</b> Tyco Electronics Corporation <b>Electronics</b> Menlo Park, Ca 94025</p> <p><b>ELCON</b></p> <p>TITLE</p> <p>CONNECTOR, PIN LOWER DRAWER PN 6643534-1</p> <p>SIZE DWG NUMBER</p> <p>B C= 6643534</p>	<p>REV.</p> <p>A</p>
	<p>DATE</p> <p>11/22/05</p>		<p>DWG SCALE 1=1</p> <p>SH 1 OF 3</p>	

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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



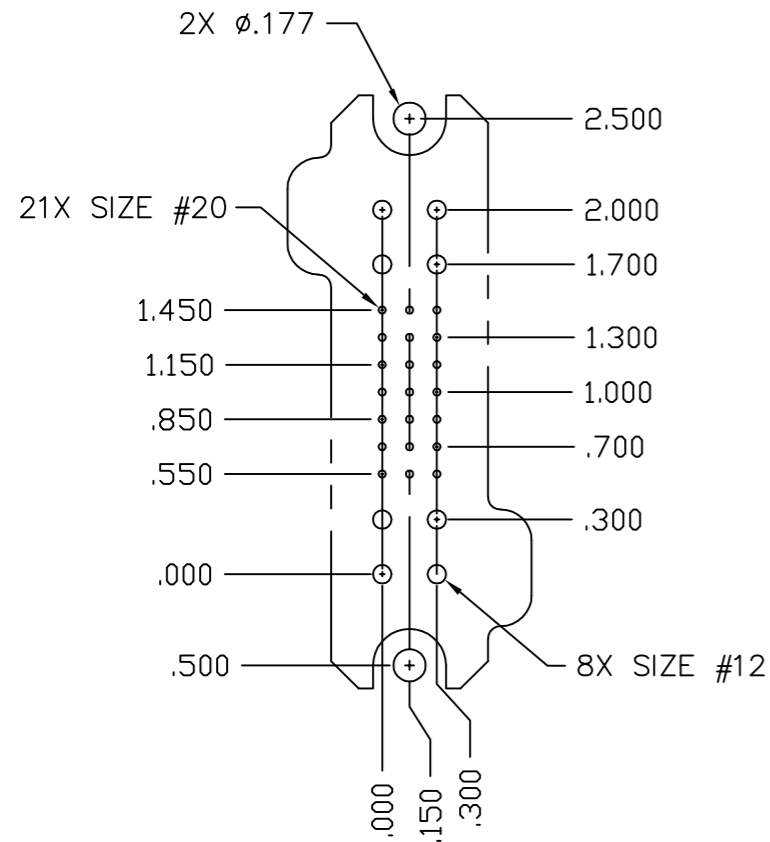
- PIN CONTACT, SIZE #12  
PCB TAIL, STD, 4X  
1766245-1, POSN 1-4
- PIN CONTACT, SIZE #20  
PCB TAIL, STD, 21X  
1650283-1, POSN 5-25
- PIN CONTACT, SIZE #12  
PCB TAIL, STD, 4X  
1766245-1, POSN 26-29



INCH OR INCH (MM)  THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC) TOLERANCES ANGLES ± .5° DECIMALS .XXX ± .010 (.25) .XX ± .02 (.3)	DRAWN M. ALIM	DATE 11/22/05	Tyco Electronics Corporation Menlo Park, Ca 94025 	TITLE CONNECTOR, PIN LOWER DRAWER PN 6643534-1		
	CHECKED					SIZE
	APPROVED			B	C = 6643534	A
	APPROVED D. CHAU	11/22/05	ACAD FILE NUMBER C6643534A.DWG		DWG SCALE 1=1	SH 2 OF 3

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		SEE SHEET 1	



- RECOMMENDED PRINTED CIRCUIT BOARD HOLE FOR SIZE #12 PCB TAIL  
 FINISHED HOLE:  $\phi.102$  [2.591]  $+.002$  [.051]/ $-.003$  [.076]  
 DRILLED HOLE:  $\phi.1065$  [2.705]  $\pm.0005$  [.0127]  
 COPPER PLATE: .0010 [.025] MINIMUM (PER SURFACE)  
 TIN PLATE: .0003 [.008] MINIMUM (PER SURFACE)
- RECOMMENDED PRINTED CIRCUIT BOARD HOLE FOR SIZE #20 PCB TAIL  
 FINISHED HOLE:  $\phi.040$  [1.016]  $\pm.003$  [.076]  
 DRILLED HOLE:  $\phi.0453$  [1.152]  $\pm.0005$  [.013]  
 COPPER PLATE: .0010 [.025] MINIMUM (PER SURFACE)  
 TIN PLATE: .0003 [.008] MINIMUM (PER SURFACE)

PCB FOOTPRINT  
 (VIEWED FROM CONNECTOR MOUNTING SIDE)

$\frac{\text{INCH}}{\text{MM}}$ OR INCH (MM)  THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC) TOLERANCES ANGLES $\pm .5^\circ$ DECIMALS .XXX $\pm .010$ (.25) .XX $\pm .02$ (.3)	DRAWN M. ALIM	DATE 11/22/05	 Tyco Electronics Corporation Menlo Park, Ca 94025 
	CHECKED	APPROVED	
	APPROVED D. CHAU	11/22/05	SIZE B
	DCA APPROVED M. ALIM	11/22/05	DWG NUMBER C= 6643534
	ACAD FILE NUMBER C6643534A.DWG		REV. A
			DWG SCALE 1=1 SH 3 OF 3