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REVISIONS			
EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	12/01/05

8

1

5 SOCKET 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.

#### SOCKET 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 TYCO APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

NOTES: UNLESS OTHERWISE SPECIFIED

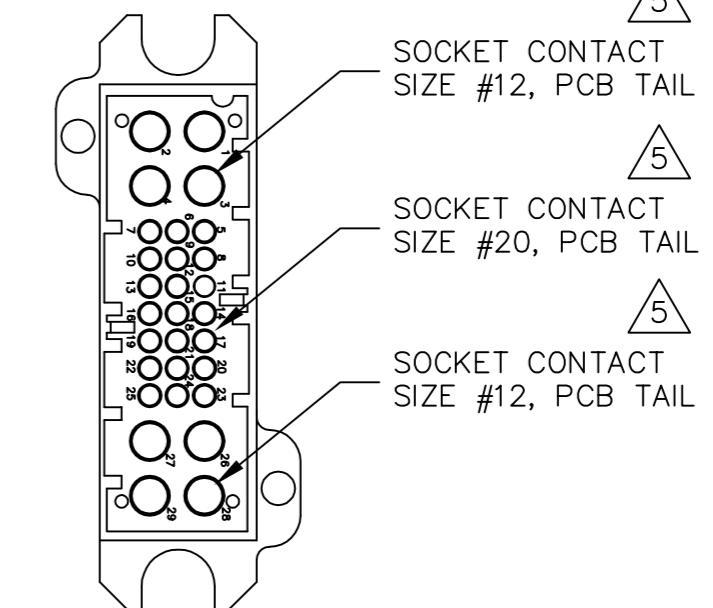
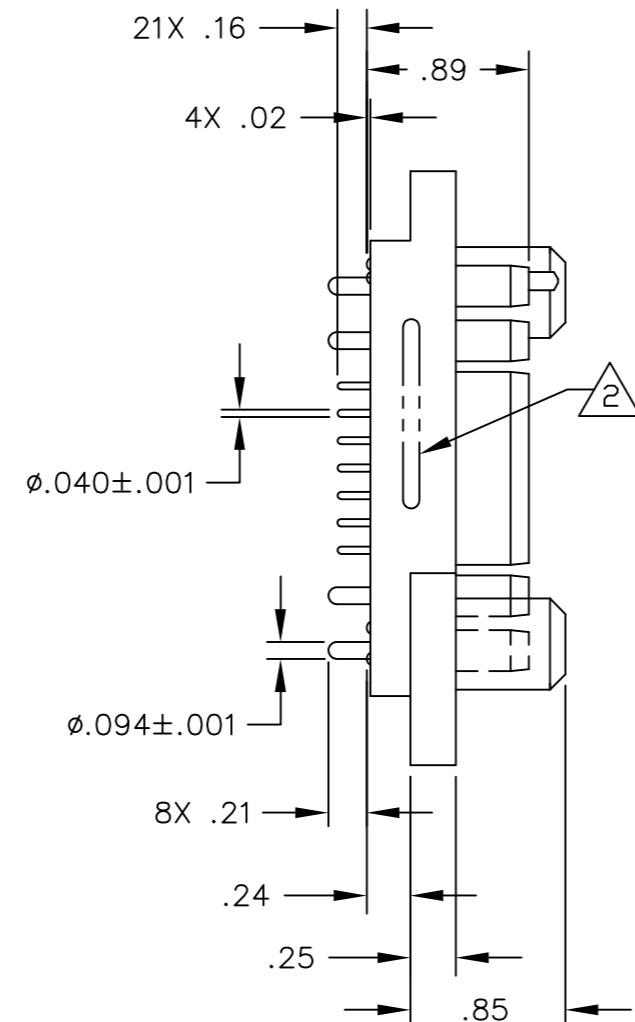
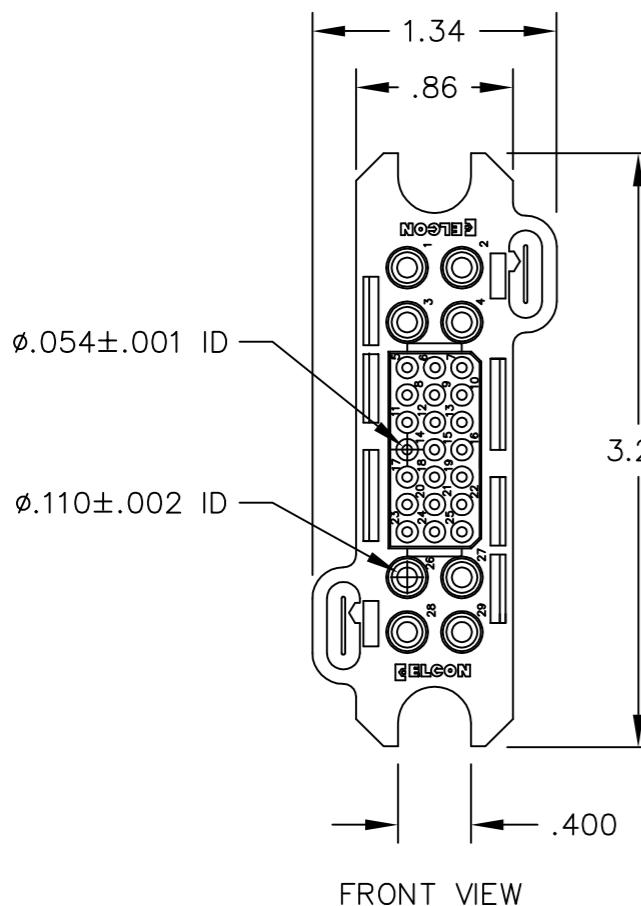
A TABLE – SOCKET CONNECTOR PN 1766989-1			
PART NUMBER	DESCRIPTION	POSITION	QTY
1648206-2	CONNECTOR, SOCKET, #12,#20,#12	NA	1
1648382-1	CONTACT, SOCKET, #20, PCB TAIL	5-8,12,13, 16-19 & 21-25	15
6648374-1	CONTACT, SOCKET, #12, PCB TAIL	1-4 & 26-29	8

 <b>THIRD ANGLE PROJECTION</b>	DRAWN M. ALIM	DATE 12/01/05	 <b>Tyco Electronics Corporation</b> Menlo Park, Ca 94025			
	CHECKED					
<b>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC)</b>	APPROVED		<b>TITLE</b>  <b>CONNECTOR, SOCKET</b> <b>LOWER DRAWER</b> <b>PN 1766989-1</b>			
	APPROVED					
<b>TOLERANCES</b>  <b>ANGLES <math>\pm .5^\circ</math></b>	D. CHAU	12/01/05	<b>SIZE</b> <b>B</b>	<b>DWG NUMBER</b> <b>C- 1766989</b>	<b>REV.</b> <b>A</b>	
	DCA APPROVED M. ALIM	12/01/05				
<b>DECIMALS</b>  <b>.XXX <math>\pm .010</math> (.25)</b> <b>.XX <math>\pm .02</math> (.3)</b>			<b>ACAD FILE NUMBER</b> <b>C1766989A.DWG</b>		<b>DWG SCALE</b> <b>1=1</b>	<b>SH 1 OF 3</b>

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## REVISIONS

EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



REAR VIEW  
(SOCKET CONTACT INSERTION SIDE)

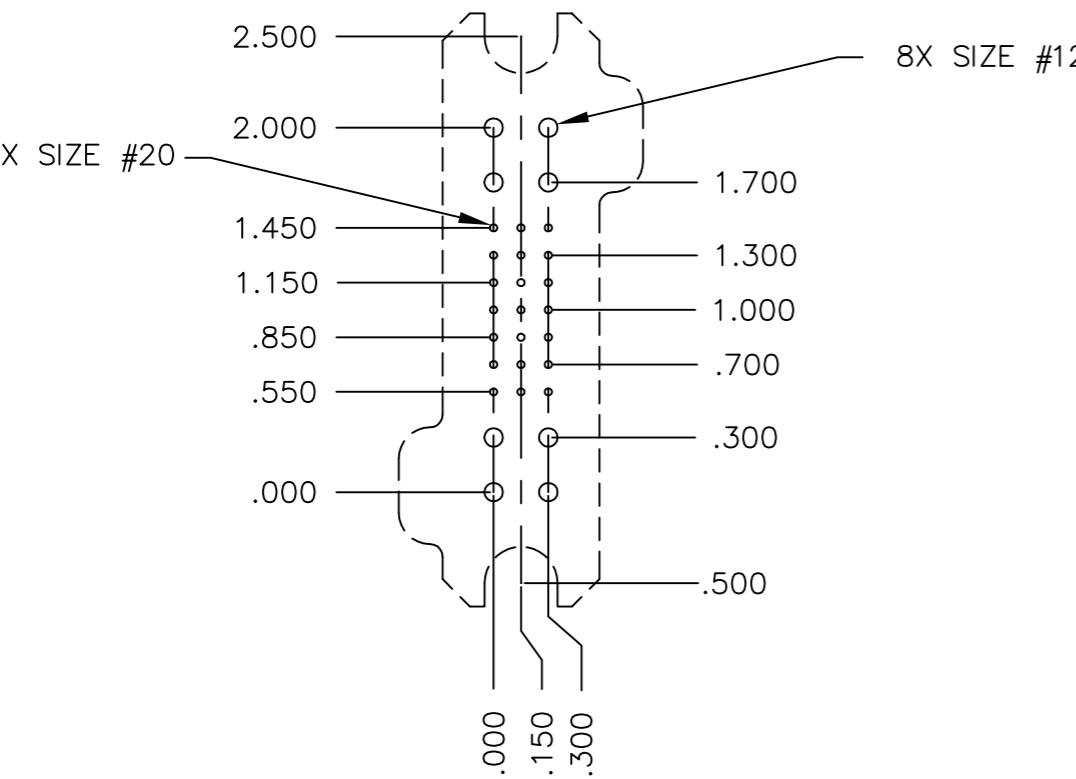
  <b>THIRD ANGLE PROJECTION</b>	DRAWN	DATE	 <b>Tyco Electronics</b> Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC)	APPROVED		
TOLERANCES	APPROVED		
ANGLES $\pm .5^\circ$	APPROVED		
DECIMALS	D. CHAU	12/01/05	
.XXX $\pm .010$ (.25)	DCA APPROVED		
.XX $\pm .02$ (.3)	M. ALIM	12/01/05	
	ACAD FILE NUMBER	C1766989A.DWG	REV.
			A
		DWG SCALE 1=1	SH 2 OF 3

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## REVISIONS

EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

B



PCB FOOTPRINT, SOCKET SIDE  
(VIEWED FROM CONNECTOR MOUNTING SIDE)

## 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)

## 2. 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)

 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC)	DRAWN	DATE	 Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED		
APPROVED			TITLE
APPROVED			USER INFORMATION
ANGLES $\pm .5^\circ$			PCB FOOTPRINT & RECOMMENDED HOLE SIZE
DECIMALS			PN 1766989-1
.XXX $\pm .010$ (.25)	DCA APPROVED	12/01/05	SIZE DWG NUMBER
.XX $\pm .02$ (.3)	M. ALIM	12/01/05	C = 1766989
	ACAD FILE NUMBER	C1766989A.DWG	REV. A
		DWG SCALE 1=1	SH 3 OF 3

# Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[1766989-1](#)