



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00				
	C	REV PER ECO-06-026031	09NOV2006	GIP	DO
	D	REV PER ECO-07-	13JUNE07	JRP	DO

6 ELCON REFERENCE PART NUMBER DESIGNATION: 282-0527-10100A

5 SOCKET PCB TAIL CONTACTS INSTALLED.

4. FINISHES:

- #12 PCB TAIL CONTACT: SILVER .000200/.000300 THK OVER NICKEL .000040 MIN THICKNESS
- #20 PCB TAIL CONTACT: GOLD .000010 MIN THK OVER NICKEL .000040 MIN THICKNESS
- CROWN BAND: GOLD .000030 MIN THK. OVER NICKEL .00040 MIN THICKNESS

3. MATERIALS:

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

SOCKET CONTACT: COPPER ALLOY

PCB TAIL CONTACTS: 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.

5 TABLE - SOCKET CONNECTOR PN 6766414-1

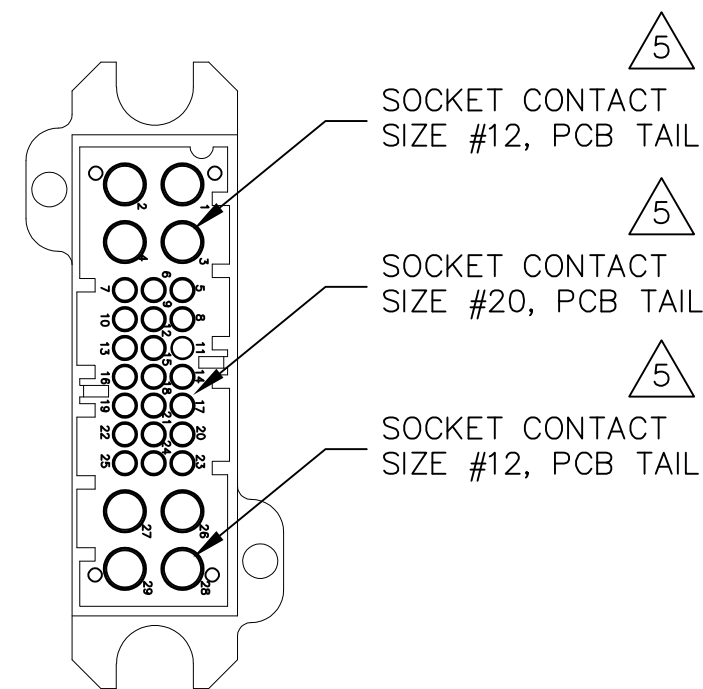
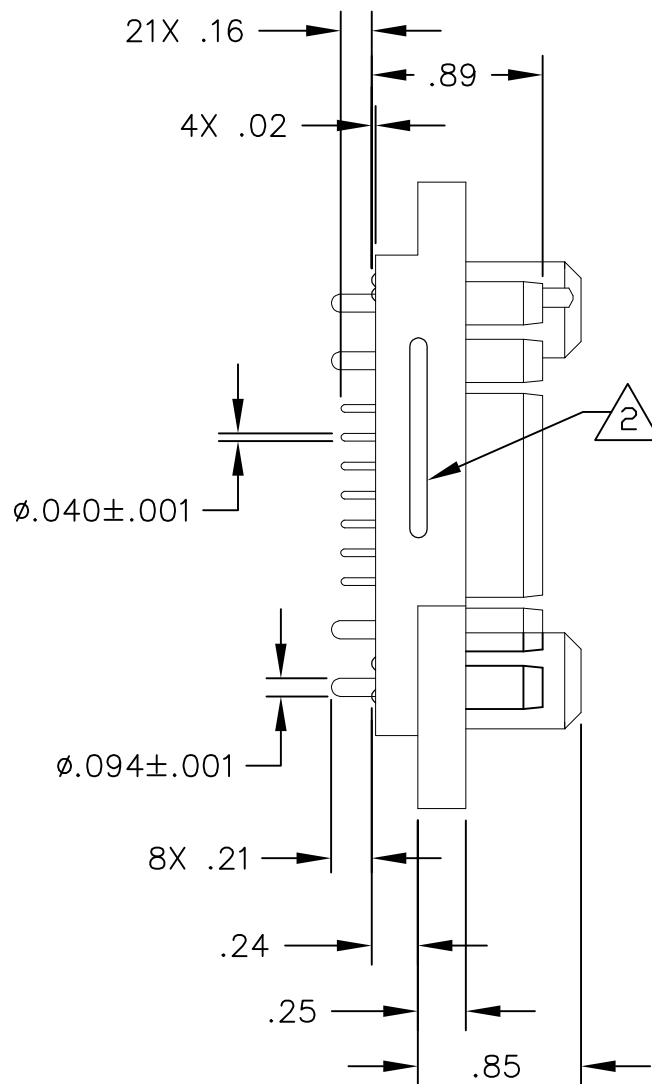
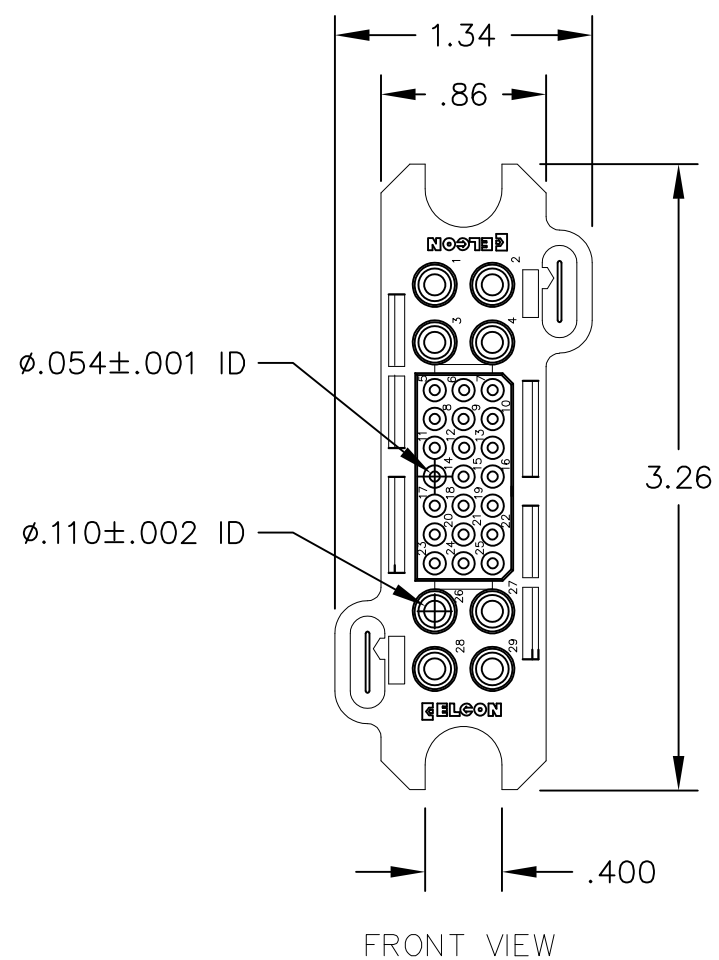
PART NUMBER	DESCRIPTION	POSITION	QTY
1766390-1	HOUSING, SOCKET, FRONT, #12,#20,#12 CONFIG	NA	1
1648727-1	HOUSING, SOCKET, REAR INSERT, #12,#20,#12	NA	1
1650484-1	CLIP, RETENTION, #20, HEAT TREATED	5-25	21
1650489-1	CLIP, RETENTION, #12, HEAT TREATED	1-4 & 26-29	8
1648382-1	CONTACT, SOCKET, #20, PCB TAIL, GOLD PLD	5-25	21
6648374-1	CONTACT, SOCKET, #12, PCB TAIL, SILVER PLD	1-4 & 26-29	8

6	AS SHOWN	6766414-1
	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 18AUG06 ALIM/GRZYBOWSKI	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		CHK 18AUG06 D.ORRIS		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 18AUG06 CHAU/FLICKINGER	NAME CONNECTOR, SOCKET LOWER DRAWER	
0 PLC ± - 1 PLC ± - 2 PLC ± .02 [.3] 3 PLC ± .010 [.25] 4 PLC ± - ANGLES ± .5		PRODUCT SPEC -	-	
MATERIAL		APPLICATION SPEC -	SIZE A3	CAGE CODE 00779
FINISH		WEIGHT -	DRAWING NO C-6766414	RESTRICTED TO -
ELCON DRAWER		CUSTOMER DRAWING		SCALE 1:1 SHEET 1 OF 3 REV D

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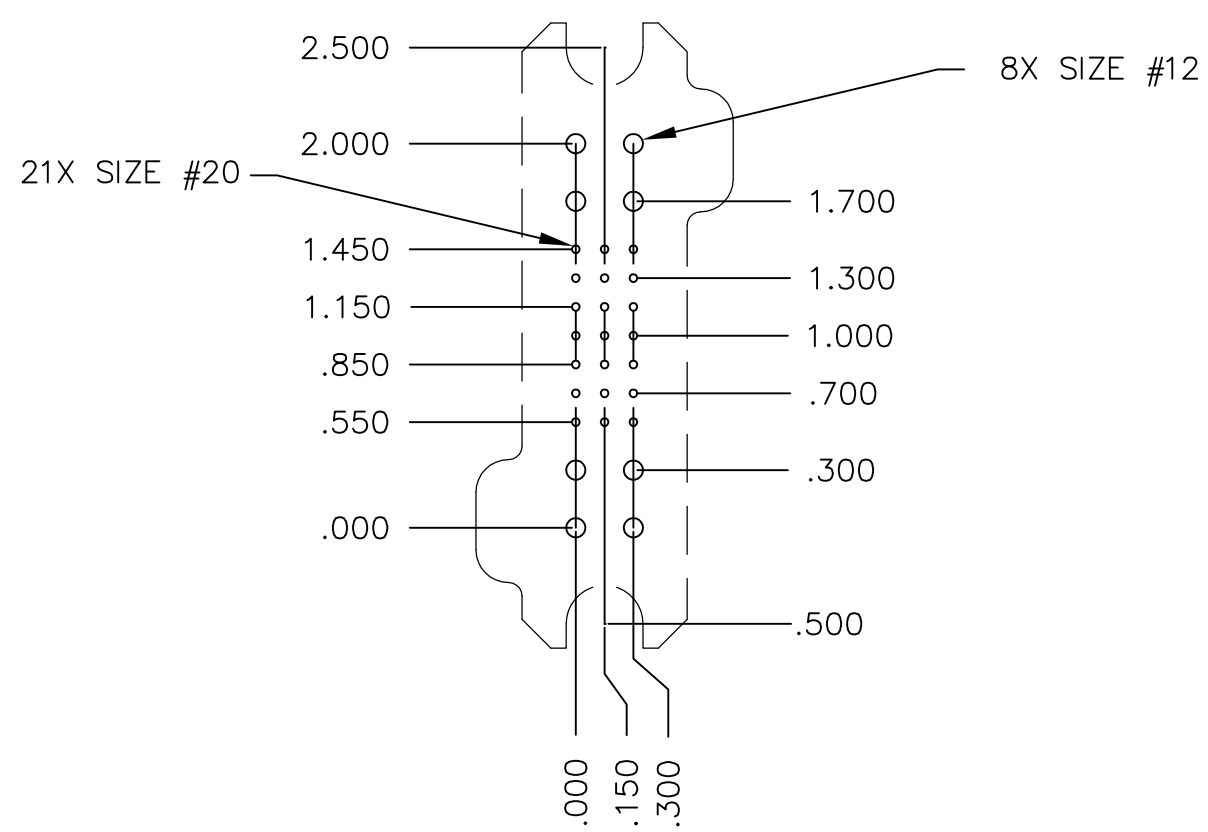
LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	SEE SHEET 1	-	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 18AUG06 ALIM/GRZYBOWSKI	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		CHK 18AUG06 D.ORRIS	NAME	
		APVD 18AUG06 CHAU/FLICKINGER	CONNECTOR, SOCKET LOWER DRAWER	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	RESTRICTED TO	
0 PLC ± - 1 PLC ± - 2 PLC ± .02 [.3] 3 PLC ± .010 [.25] 4 PLC ± - ANGLES ± .5		APPLICATION SPEC	SIZE	CAGE CODE
MATERIAL		WEIGHT	A3	00779
FINISH		DRAWING NO		REV
-		C-6766414		D
ELCON DRAWER		CUSTOMER DRAWING		SCALE 1:1 SHEET 2 OF 3

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LOC	DIST	REVISIONS			
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GP	00	SEE SHEET 1	-	-	-



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

- RECOMMENDED PRINTED CIRCUIT BOARD HOLE FOR SIZE #12 PCB TAIL
 FINISHED HOLE: $\phi.102$ [2.591] $+0.002$ [.051]/ -0.003 [.076]
 DRILLED HOLE: $\phi.1065$ [2.705] ± 0.0005 [.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] ± 0.003 [.076]
 DRILLED HOLE: $\phi.0453$ [1.152] ± 0.0005 [.013]
 COPPER PLATE: .0010 [.025] MINIMUM (PER SURFACE)
 TIN PLATE: .0003 [.008] MINIMUM (PER SURFACE)

ELCON DRAWER

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DIMENSIONS: INCHES		CHK 18AUG06 D.ORRIS	NAME	
		APVD 18AUG06 CHAU/FLICKINGER	CONNECTOR, SOCKET LOWER DRAWER	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	RESTRICTED TO	
0 PLC ± - 1 PLC ± - 2 PLC ± .02 [.3] 3 PLC ± .010 [.25] 4 PLC ± - ANGLES ± .5		APPLICATION SPEC	SIZE	CAGE CODE
MATERIAL	FINISH	WEIGHT	A3	00779
-	-	-	DRAWING NO C-6766414	
CUSTOMER DRAWING			SCALE 1:1	SHEET 3 OF 3
			REV D	