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LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			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

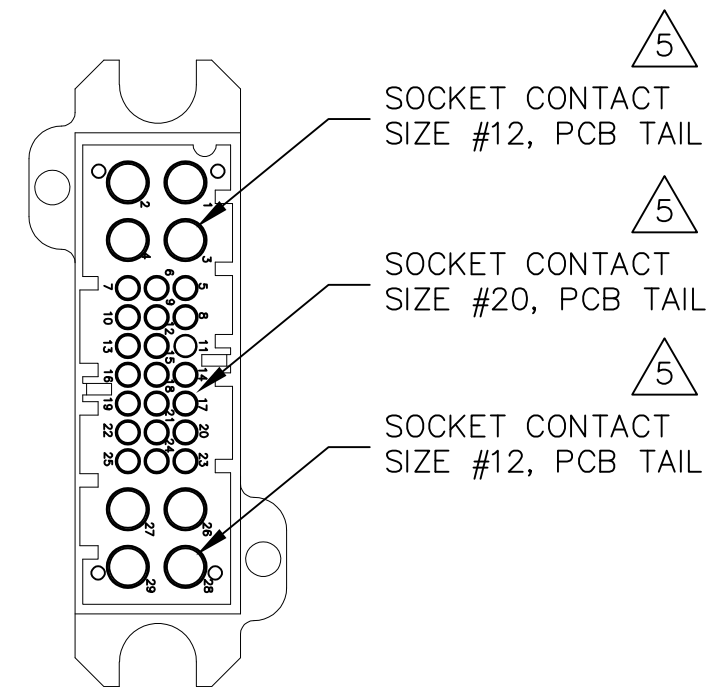
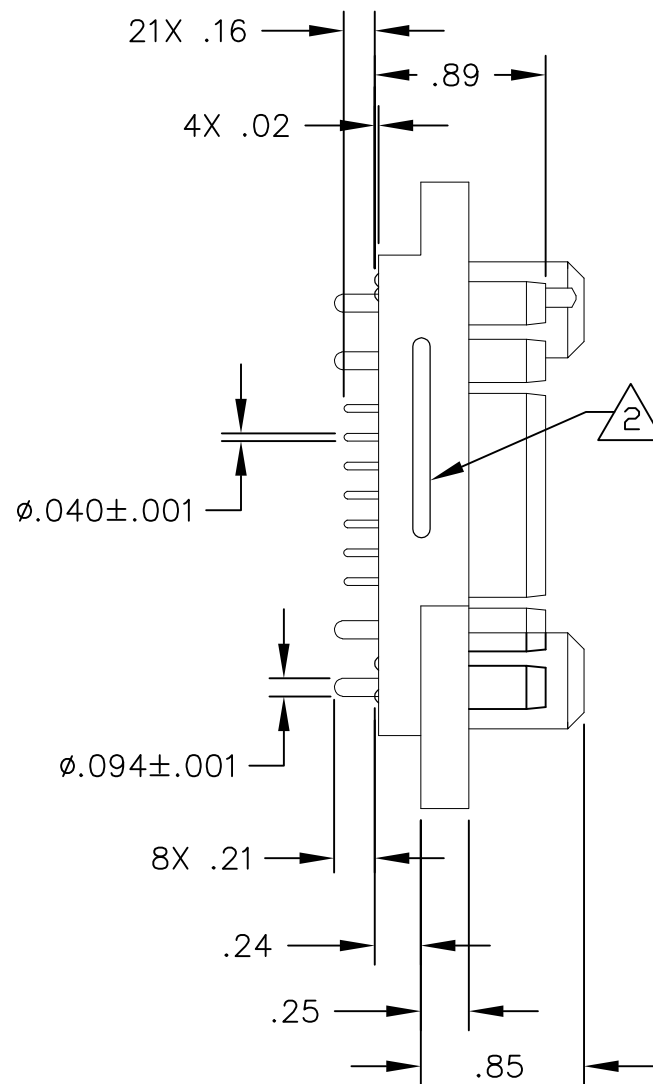
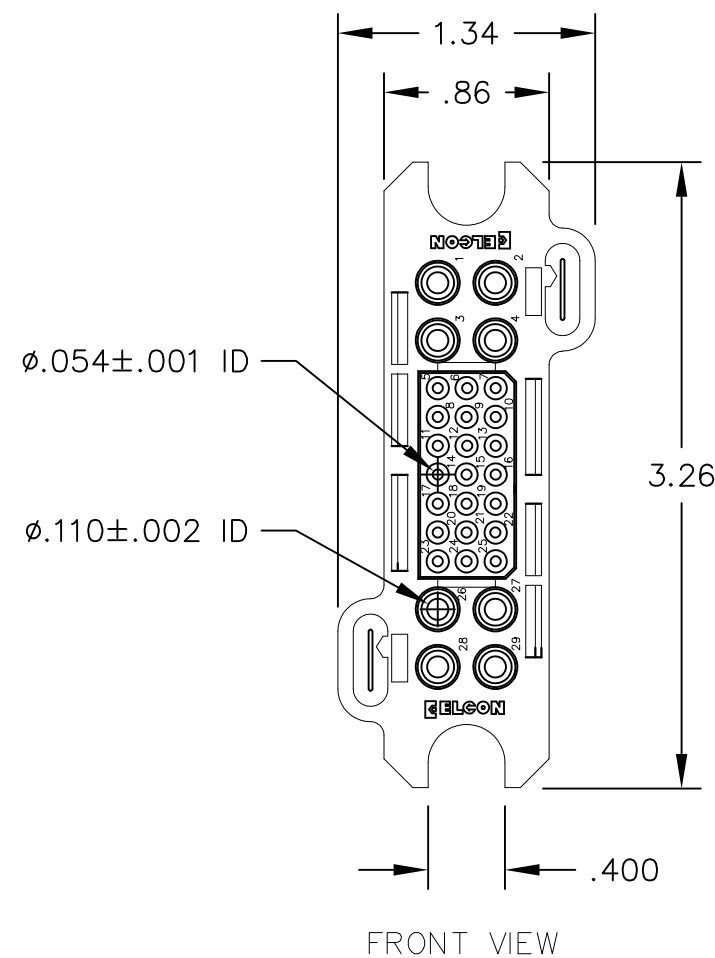
PART NUMBER	DESCRIPTION	POSITION	QTY
1766390-1	HOUSING, SOCKET, FRONT, #12,#20,#12 CONFIG	NA	1
1648727-1	HOUSING, SOCKET, REAR INSERT, #12,#20,#12	NA	1
1650484-1	CLIP, RETENTION, #20, HEAT TREATED	5-25	21
1650489-1	CLIP, RETENTION, #12, HEAT TREATED	1-4 & 26-29	8
1648382-1	CONTACT, SOCKET, #20, PCB TAIL, 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 -	APPLICATION SPEC -				
MATERIAL	FINISH	WEIGHT	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
-	-	-	A3	00779	C-6766414	-	
ELCON DRAWER			CUSTOMER DRAWING		SCALE 1:1	SHEET 1 OF 3	REV D

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GP	00	SEE SHEET 1	-	-	-

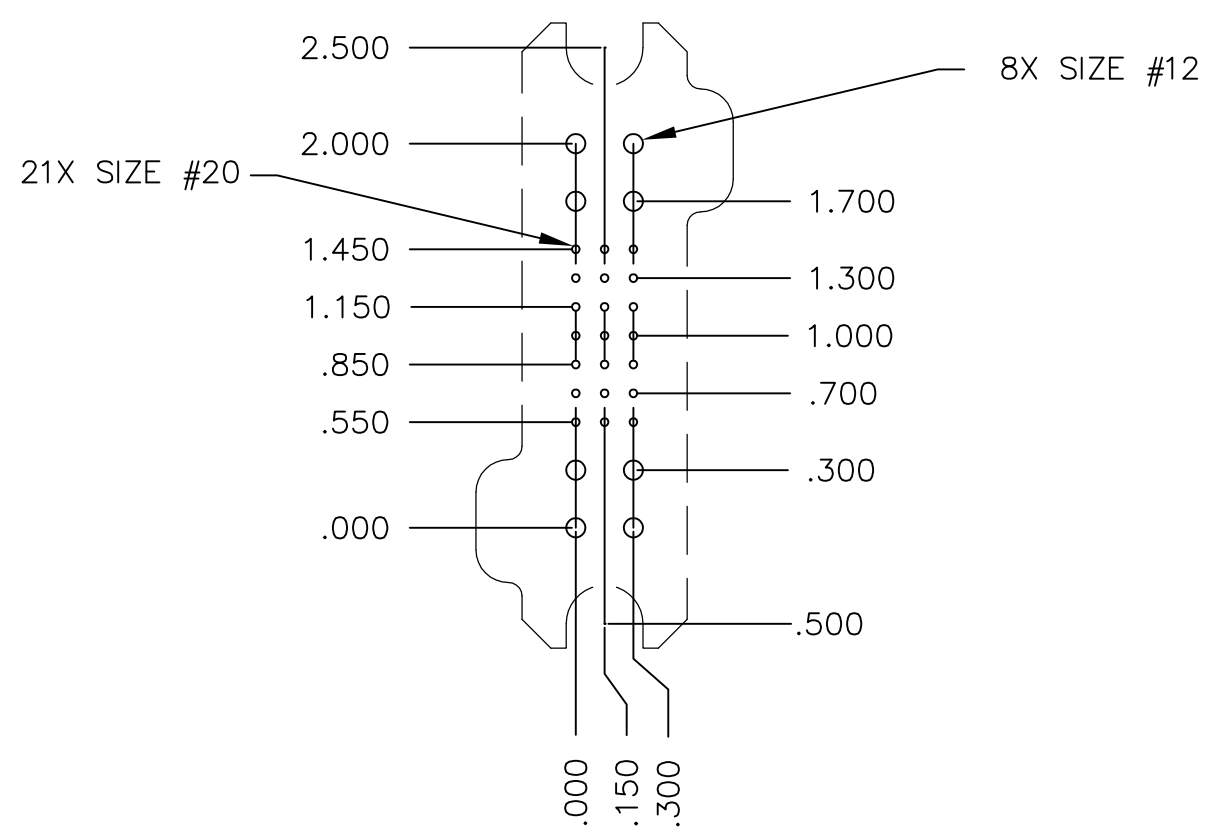


ELCON DRAWER

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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		WEIGHT	A3	00779
FINISH		DRAWING NO		REV
-		G-6766414		D
CUSTOMER DRAWING			SCALE 1:1	SHEET 2 OF 3

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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] $\pm.002$ [.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)

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MATERIAL		WEIGHT	A3	00779
FINISH		DRAWING NO		RESTRICTED TO
-		G-6766414		-
CUSTOMER DRAWING			SCALE	SHEET
			1:1	3 OF 3
			REV	D