

LOC				DIST				REVISIONS					
—		—		P		LTR		DESCRIPTION		DATE		OWN	APVD
								FIRST RELEASE		03FEB2012		OL	SZ

6. MODULE INFORMATION

CONNECTOR	TYCD PART NUMBER	ELCON PART NUMBER	CATALOG MODULE #	QTY	SIZE IN.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING*
PIN	1646690-2	279-0132-00100D	FP1105	8	8	8	125 X 7.00 [.049 X .276]	35 AMPERES	7.50 [.2953]	250 VOLTS
			FP1121	2	8	2	125 X 7.00 [.049 X .276]	35 AMPERES	12.00 [.4724]	600 VOLTS
			FP1122	1		1		35 AMPERES	12.00 [.4724]	600 VOLTS
			FP1314	1	22	6	.64 [.025] SQ.	3 AMPERES	2.50 [.0984]	125 VOLTS
			FP1302	1	22	24	.64 [.025] SQ.	3 AMPERES	2.50 [.0984]	125 VOLTS
			FP1105	8	8	8	125 X 7.00 [.049 X .276]	35 AMPERES	7.50 [.2953]	250 VOLTS
PIN	1646690-3	279-0132-00300D	FP1121	2	8	2	125 X 7.00 [.049 X .276]	35 AMPERES	12.00 [.4724]	600 VOLTS
			FP1122	1		1		35 AMPERES	12.00 [.4724]	600 VOLTS
			FP1314	1	22	6	.64 [.025] SQ.	3 AMPERES	2.50 [.0984]	125 VOLTS
			FP1302	1	22	24	.64 [.025] SQ.	3 AMPERES	2.50 [.0984]	125 VOLTS

*1AW IEC-950

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.

SOLDER SIGNAL PIN: BRSSS ALLOY.

POWER CONTACTS: PHOSPHOR BRONZE ALLOY,
COPPER ALLOY.

CROWN BANDS: BERYLLIUM COPPER ALLOY.

3. FINISHES:

CONTACTS: GOLD PLATED PER MIL-G-45204 TYPE II, CLASS 0,
.000030" MIN. THK, OVER NICKEL PER QQ-N-290,
CLASS 2, .000040" MIN. THK. SOLDER TAILS, TIN
PLATED .000100" MIN. THICK.

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

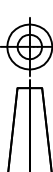
YEAR  WEEK 

ELCON PART NO. & REV DATE CODE (e.g. 0429)

 XXX-XXXX-XXXX []  XXXX

5. THIS CONNECTOR MATES WITH SOCKET CONNECTOR PN 278-0132-00200

THIS DRAWING IS A CONTROLLED DOCUMENT.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWM		03FEB2012		TE TE Connectivity			
		ORANDO LI		-					
		CHK		SUNY ZHAO		NAME			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD		SUNY ZHAO		-	
mm		0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES		± - ± 0.5 ± 0.25 ± - ± - ± 5		PRODUCT SPEC		-	
				APPLICATION SPEC		-			
MATERIAL		FINISH		WEIGHT		-			
-		-							
CUSTOMER DRAWING				A3		00779		G=6646690	
				SIZE		CAGE CODE		DRAWING NO	
				RESTRICTED TO				-	
				SCALE		1:1		SHEET 1 of 4	
				REV		A			

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LOC DIST

P LTR

REVISIONS

DESCRIPTION

DATE

DMN

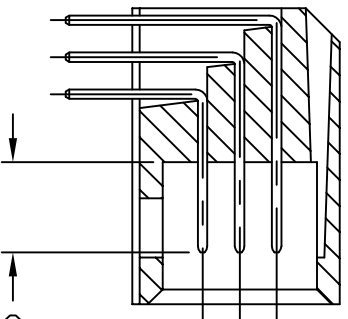
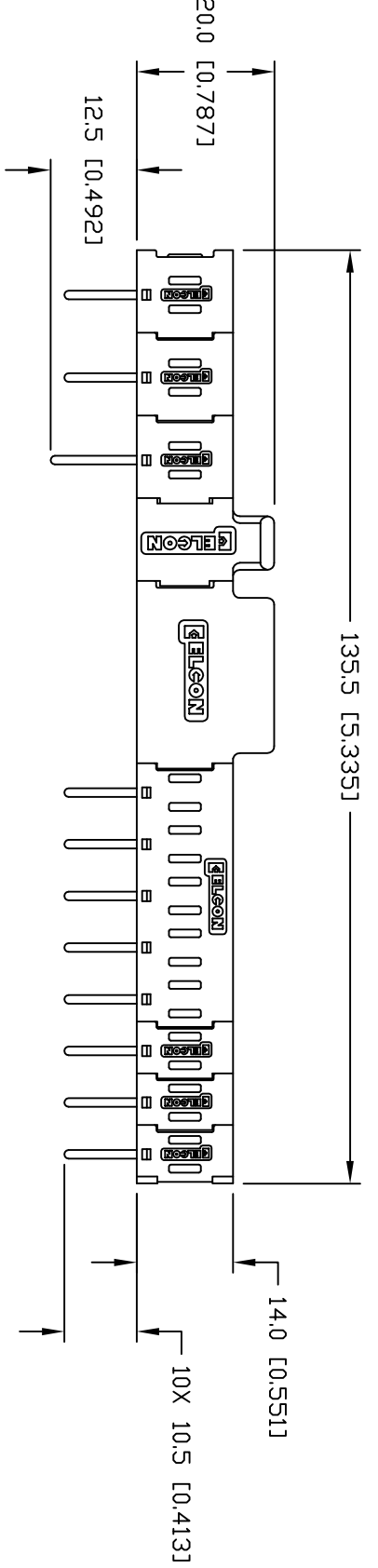
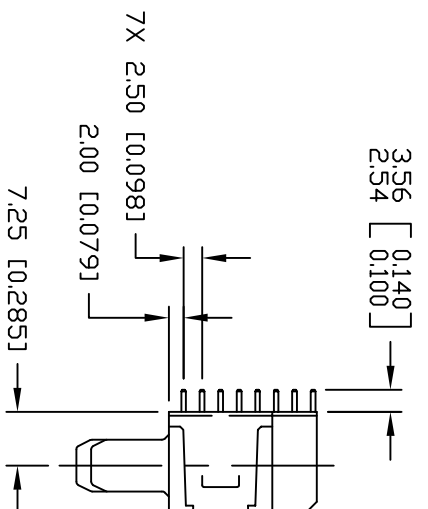
APVD

SEE SHEET 1

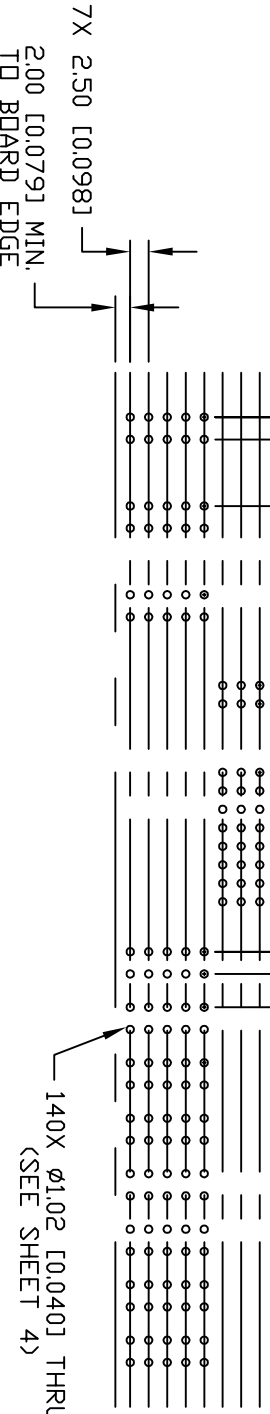
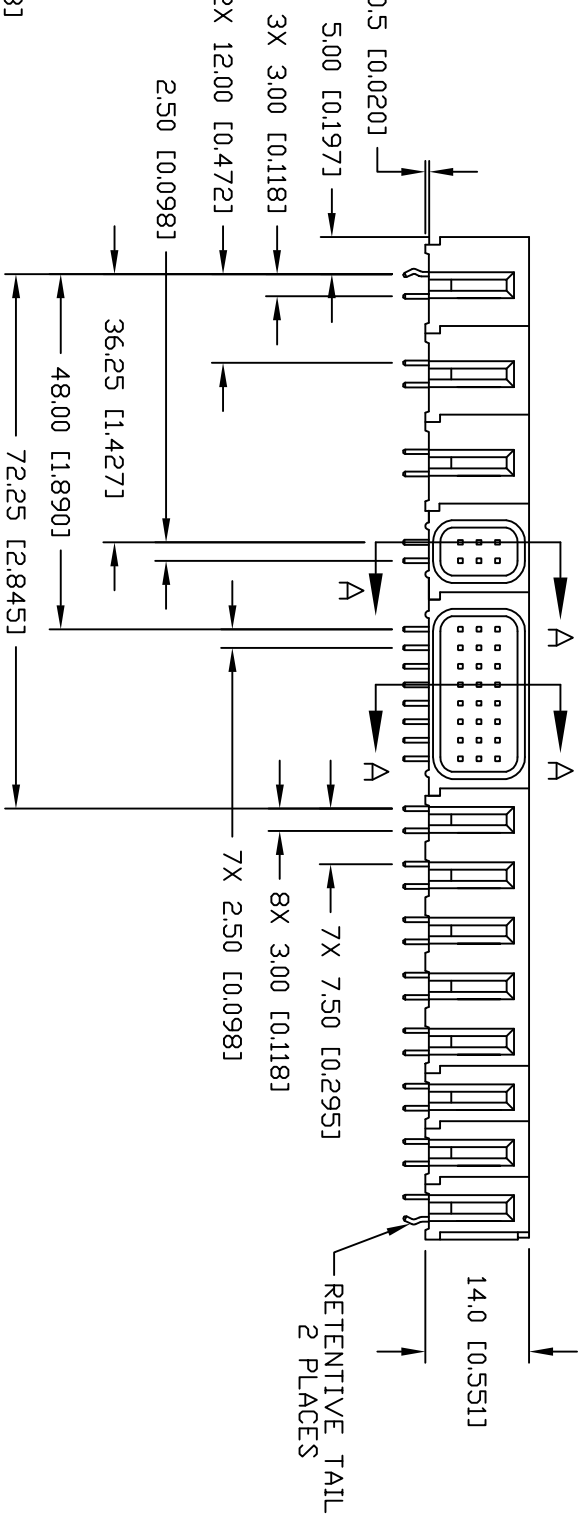
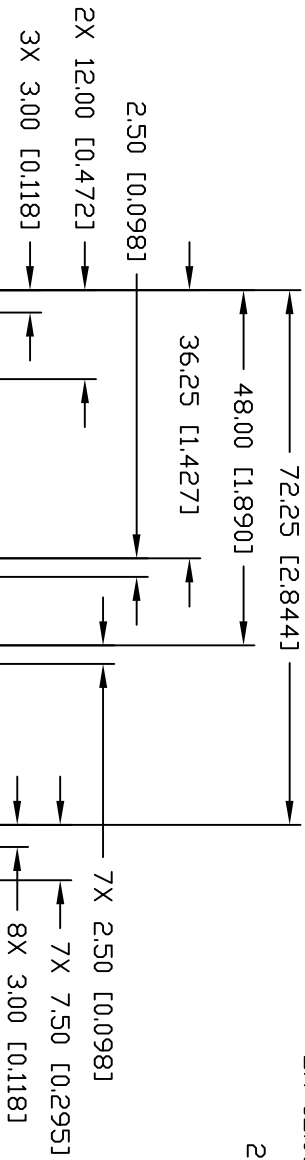
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SECTION A-A



PRINTED CIRCUIT LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.				TE Connectivity			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME			
mm		0 PLC ± -		PIN CONNECTOR FLATPAQ			
		1 PLC ± 0.5		RIGHT ANGLE, SOLDER TAILS			
		2 PLC ± 0.25		PN:279-0132-00*00D			
		3 PLC ± -		RESTRICTED TO			
		4 PLC ± - ±.5					
MATERIAL		FINISH					
-		-					
DMN		ORANDO LI		03FEB2012			
CHK		SUNY ZHAO		-			
APVD		SUNY ZHAO		-			
PRODUCT SPEC		-		-			
APPLICATION SPEC		-		-			
WEIGHT		-		-			
CUSTOMER DRAWING		A3		CAGE CODE		DRAWING NO	
		00779		G=6646690			
		SCALE		1:1		SHEET	
				2		of 4	
						REV	
						A	

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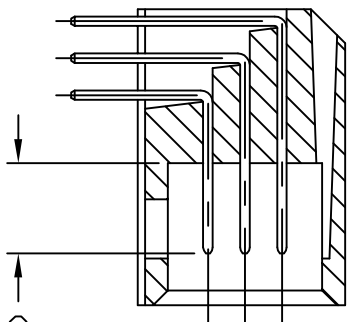
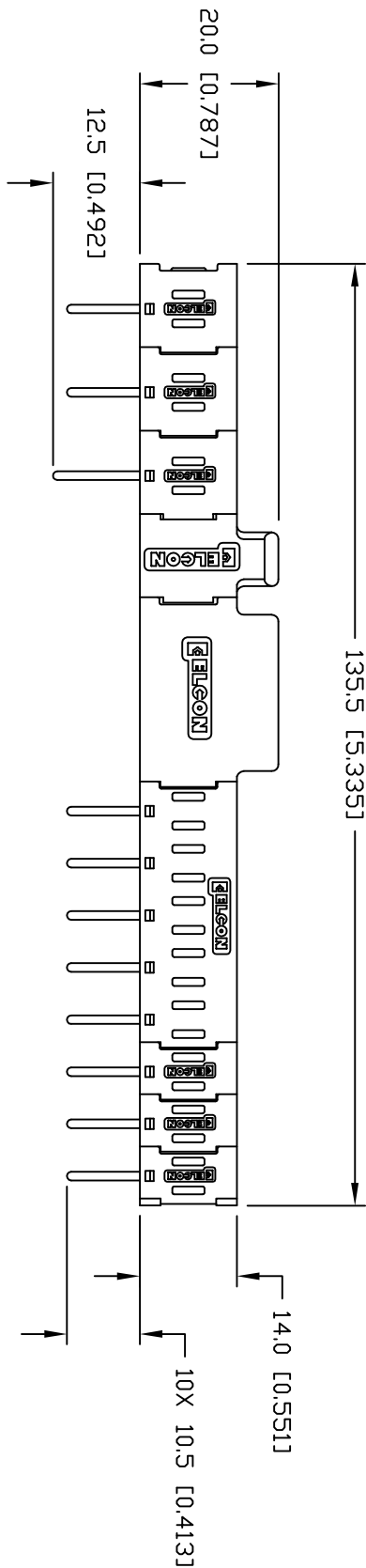
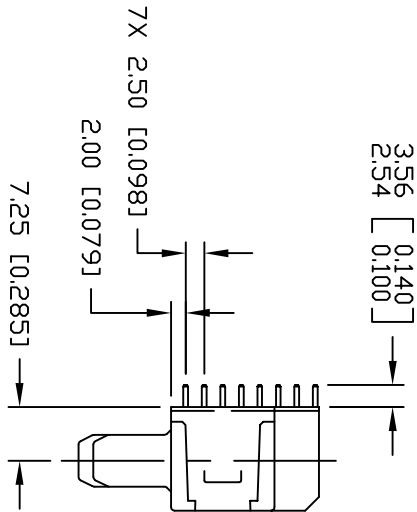
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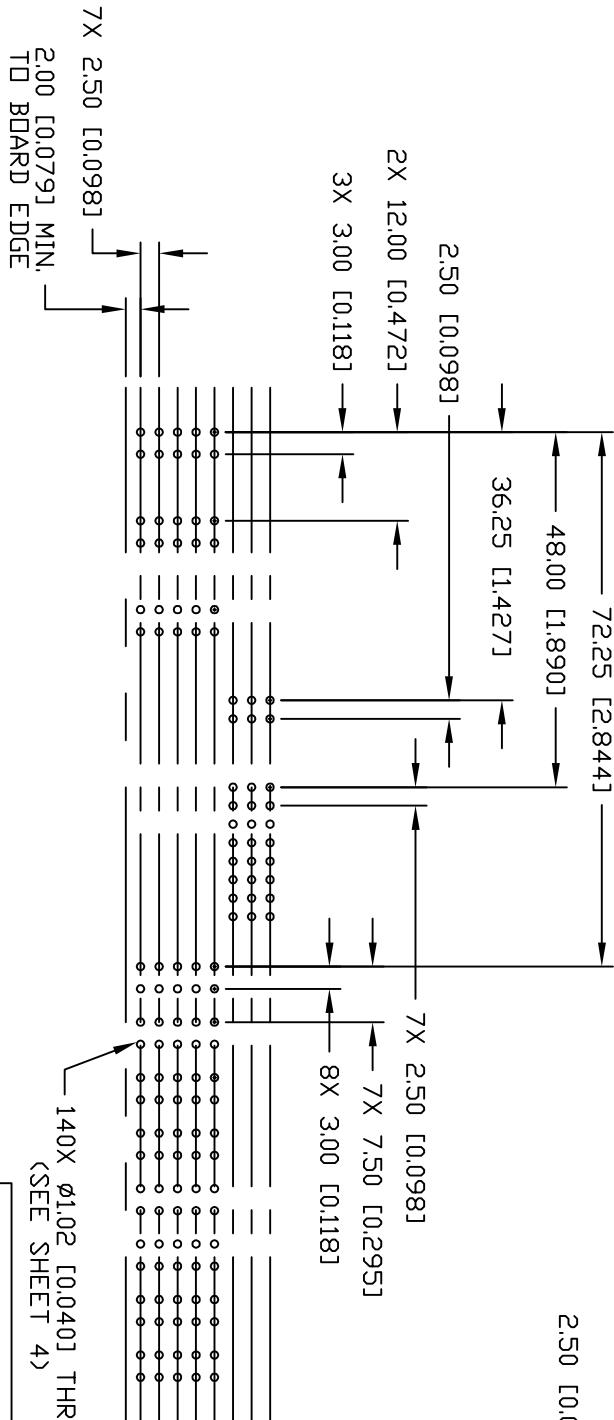
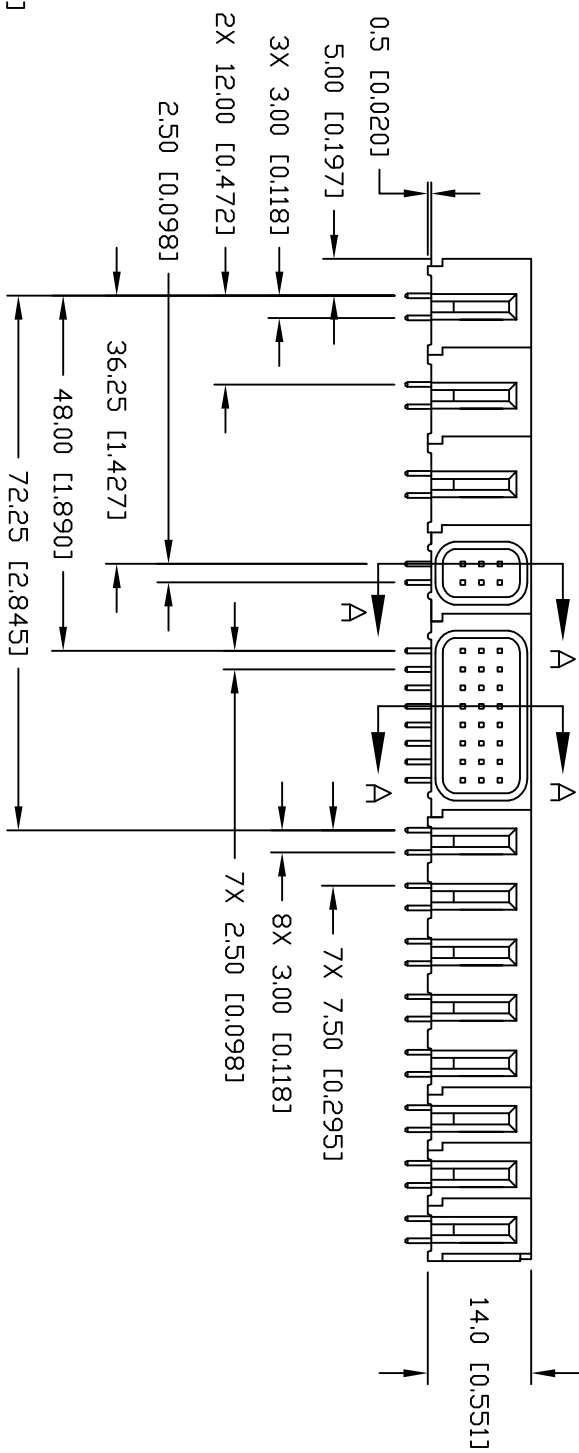
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LOC	DIST	P	LTR	DESCRIPTION	DATE	DMN	APVD
-	-	-	-	SEE SHEET 1	-	-	-



(30X 6.10±0.15 [0.240±0.006])

SECTION A-A



PRINTED CIRCUIT LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.									
DWG		ORANDO LI		03FEB2012		 TE Connectivity			
CHK		-		-					
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:				NAME		PIN CONNECTOR FLATPAQ RIGHT ANGLE, SOLDER TAILS PN:279-0132-00*00D	
mm		0 PLC ± - 1 PLC ± 0.5 2 PLC ± 0.25 3 PLC ± - 4 PLC ± - ANGLES ± 5				APVD			
						SUNY ZHAO			
						PRODUCT SPEC			
						-			
MATERIAL		FINISH				APPLICATION SPEC		SIZE	
-		-				-		A3	
						WEIGHT		CAGE CODE	
		-				-		00779	
						DRAWING NO		G=6646690	
								RESTRICTED TO	
								-	
CUSTOMER DRAWING						SCALE		SHEET	
						1:1		3 of 4	
								REV	
								A	

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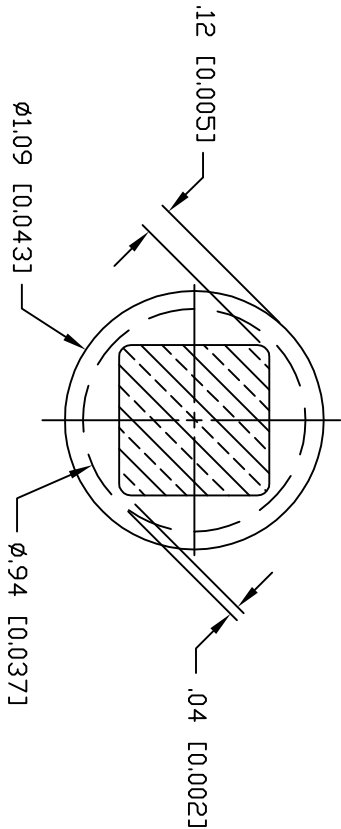
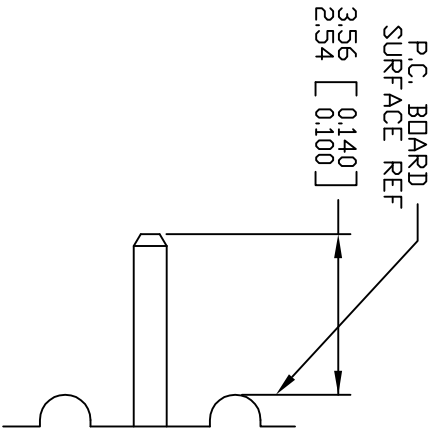
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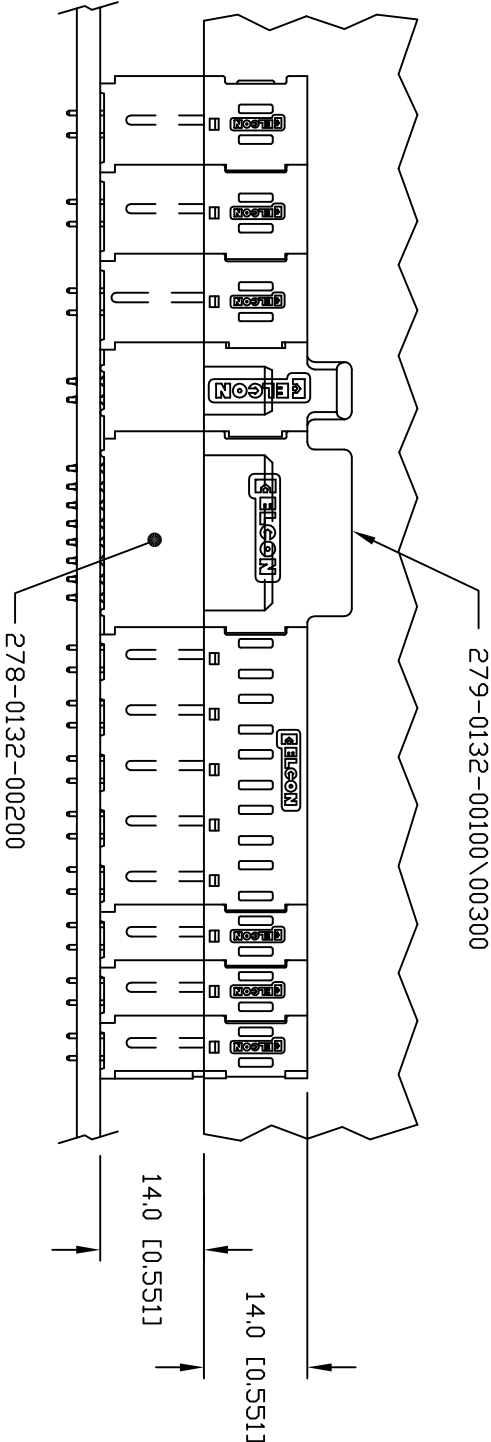
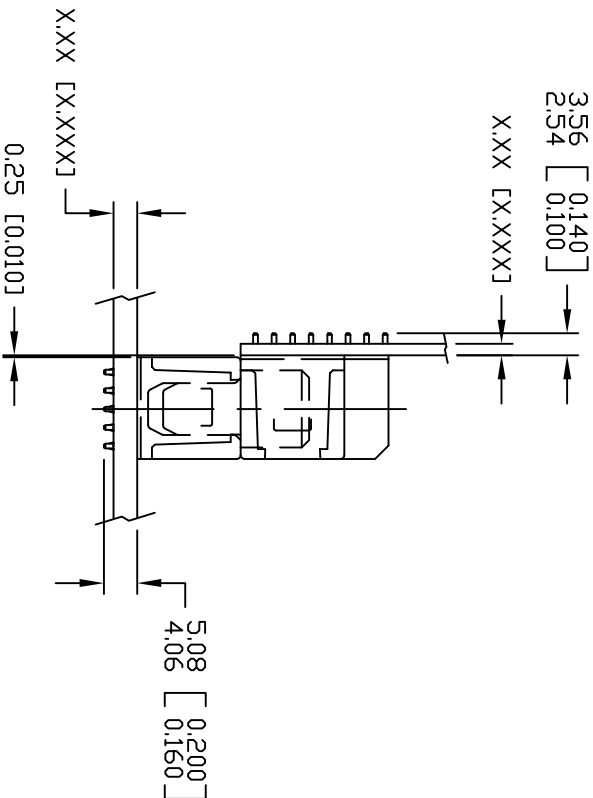
LOC	DIST	P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	-	-	SEE SHEET 1	-	-	-



SOLDER PIN DETAIL

SOLDER TERMINATION AREA
RECOMMENDED PRINTED CIRCUIT HOLE

FINISHED HOLE: ø1.02 [0.040] ±.08 [0.003]
DRILLED HOLE: ø1.15 [0.0453] ±.013 [0.00051]
COPPER PLATE: .025 [0.0010] MINIMUM (PER SURFACE)
TIN PLATE: .008 [0.0003] MINIMUM (PER SURFACE)



MATED CONDITION

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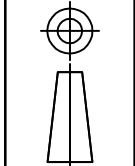
DWN ORANDO LI 03FEB2012



TE Connectivity

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:



0 PLC ± -
1 PLC ± 0.5
2 PLC ± 0.25
3 PLC ± -
4 PLC ± -
ANGLES ± 5

MATERIAL -

FINISH -

NAME

PIN CONNECTOR FLATPAQ

RIGHT ANGLE , SOLDER TAILS

PN:279-0132-00*00D

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A3 00779 © 6646690

CUSTOMER DRAWING

SCALE 1:1 SHEET 4 OF 4 REV A